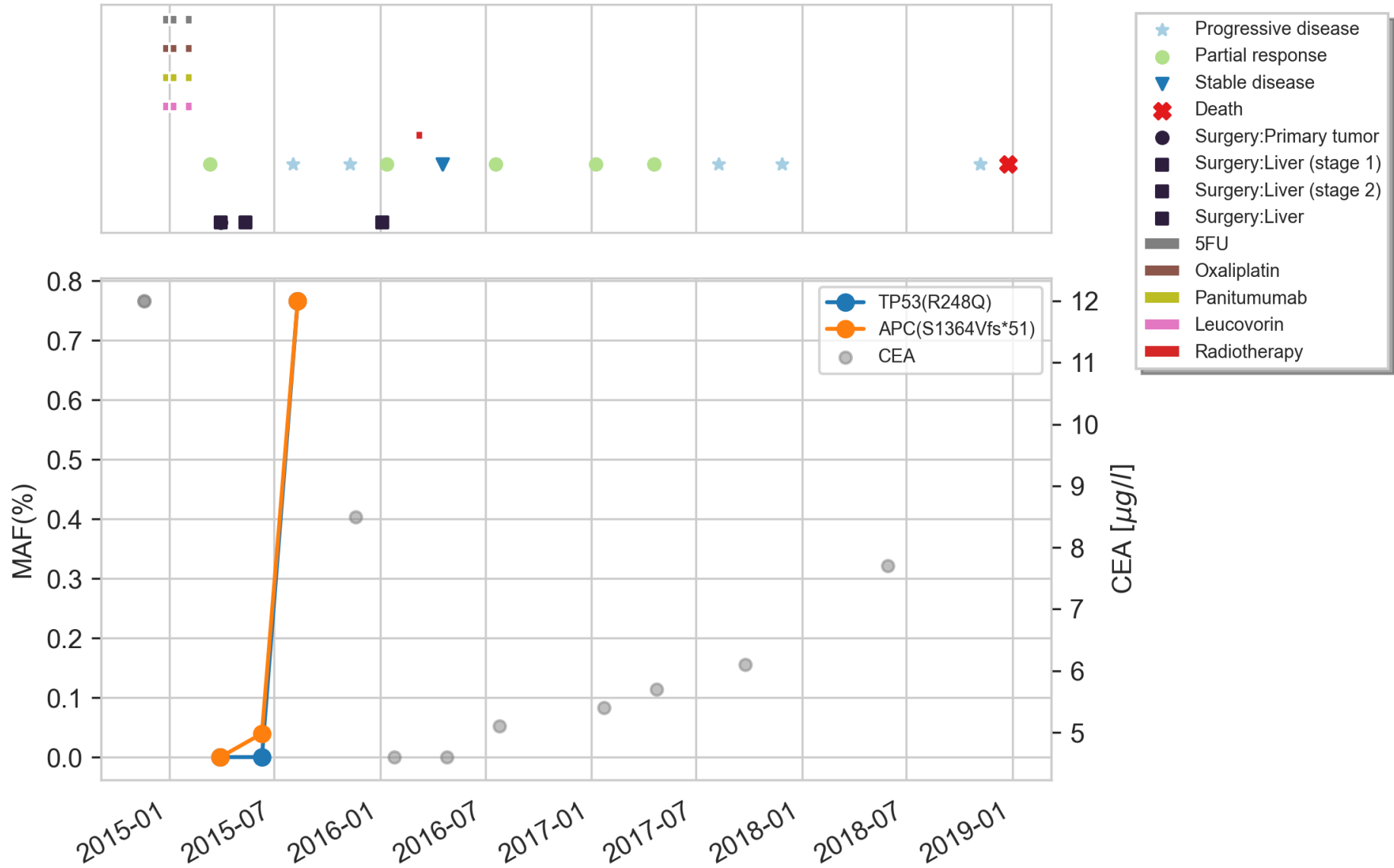
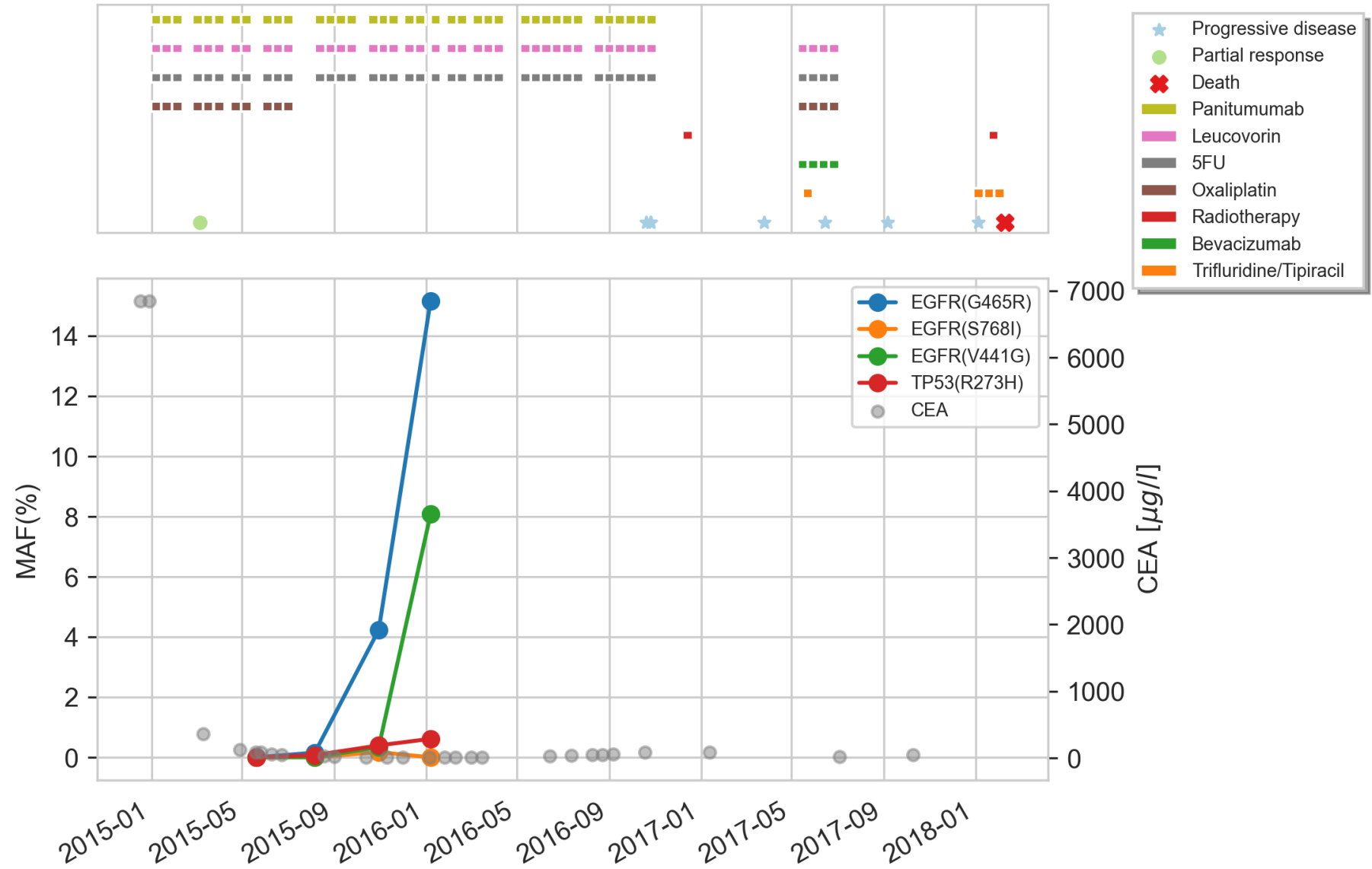


**Supplementary Data 1.** Individual plots of all 52 patients showing ctDNA dynamics in the bottom panel by depicting the mutant allele frequencies (MAF) of the identified somatic mutations after correction for germline and hematopoietic variants (left y-axis) as well as the CEA levels (right y-axis). Following the same x-axis, the top panel provides information about the patient's treatment, surgeries, and radiological assessments.

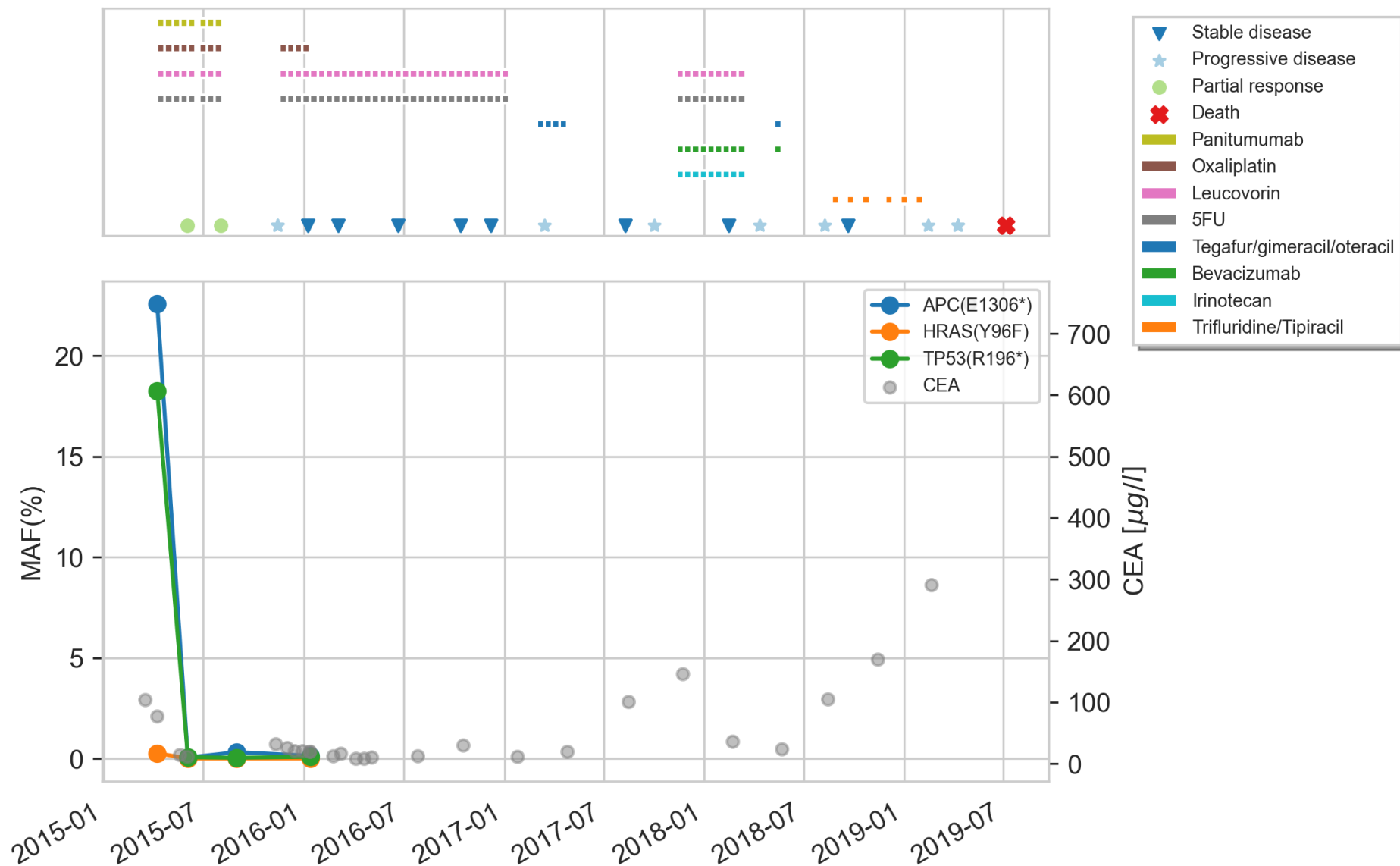
Patient 2



# Patient 4

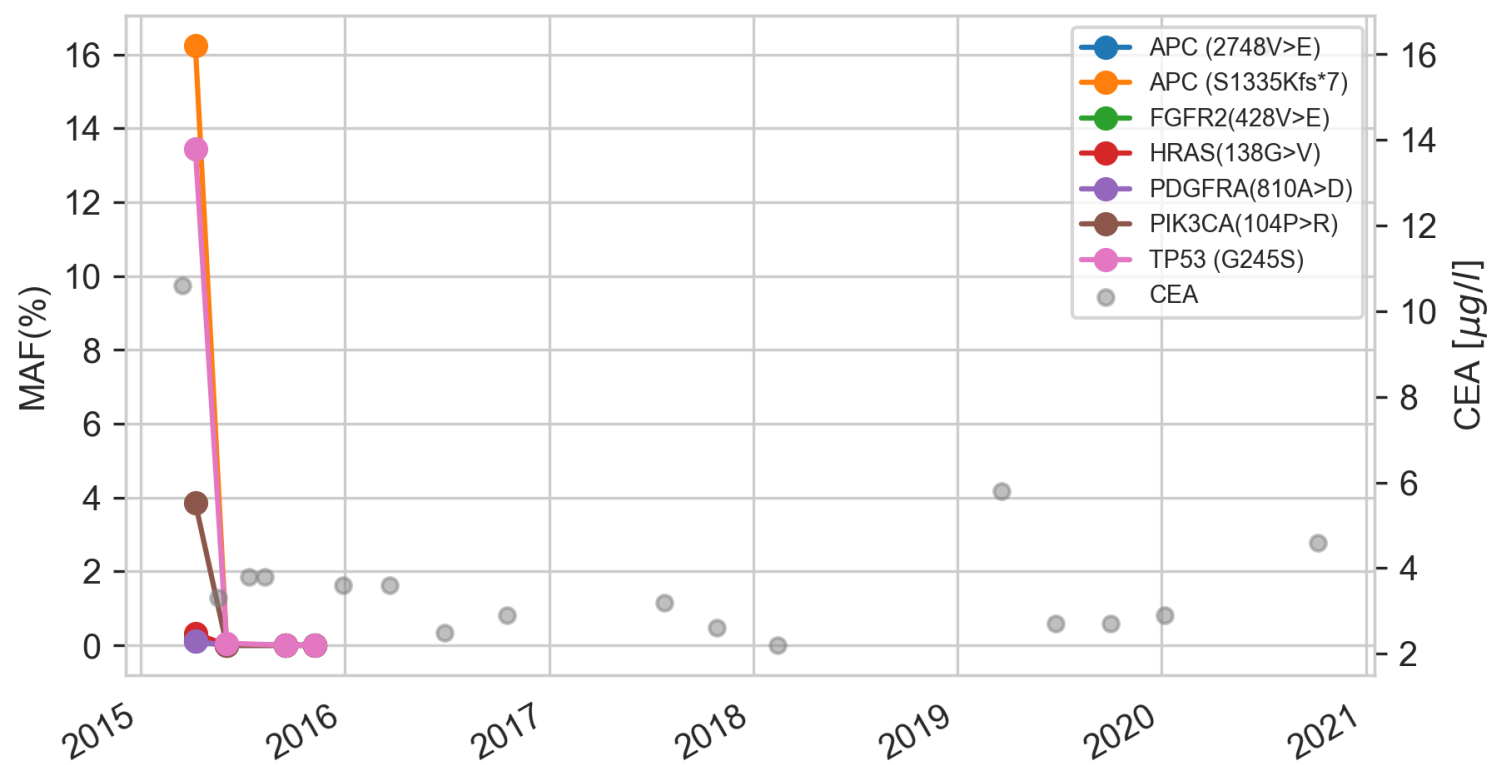
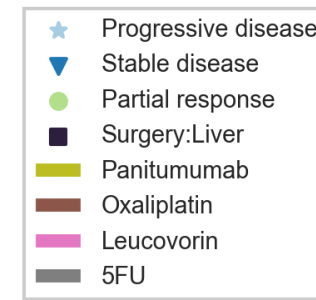
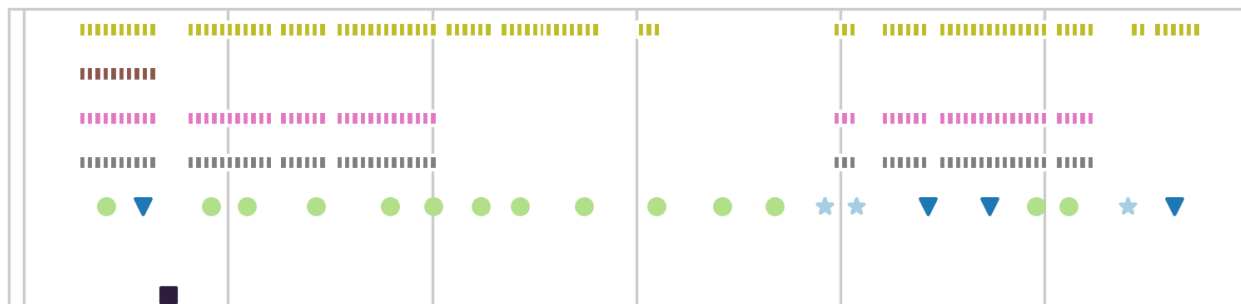


# Patient 12

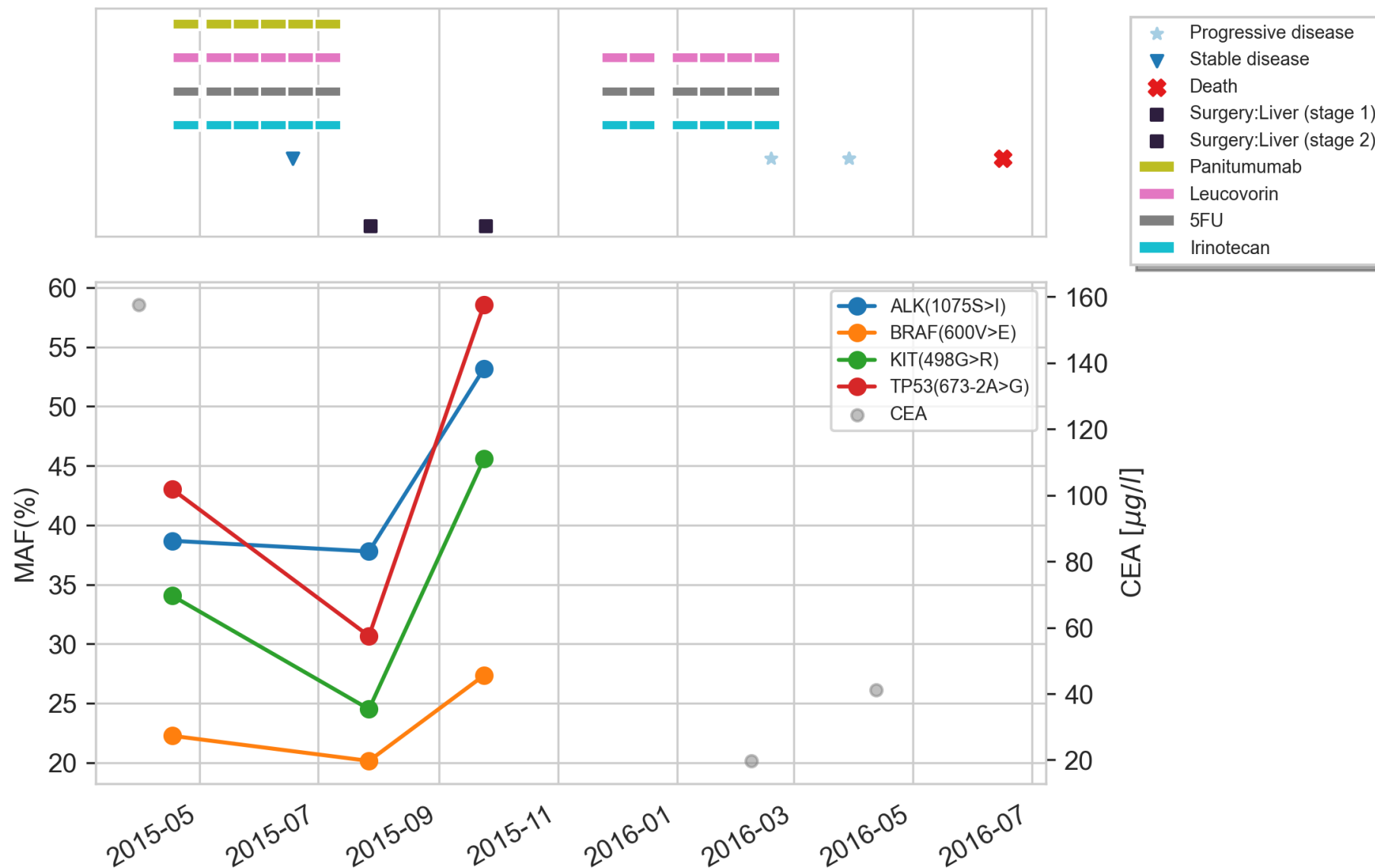




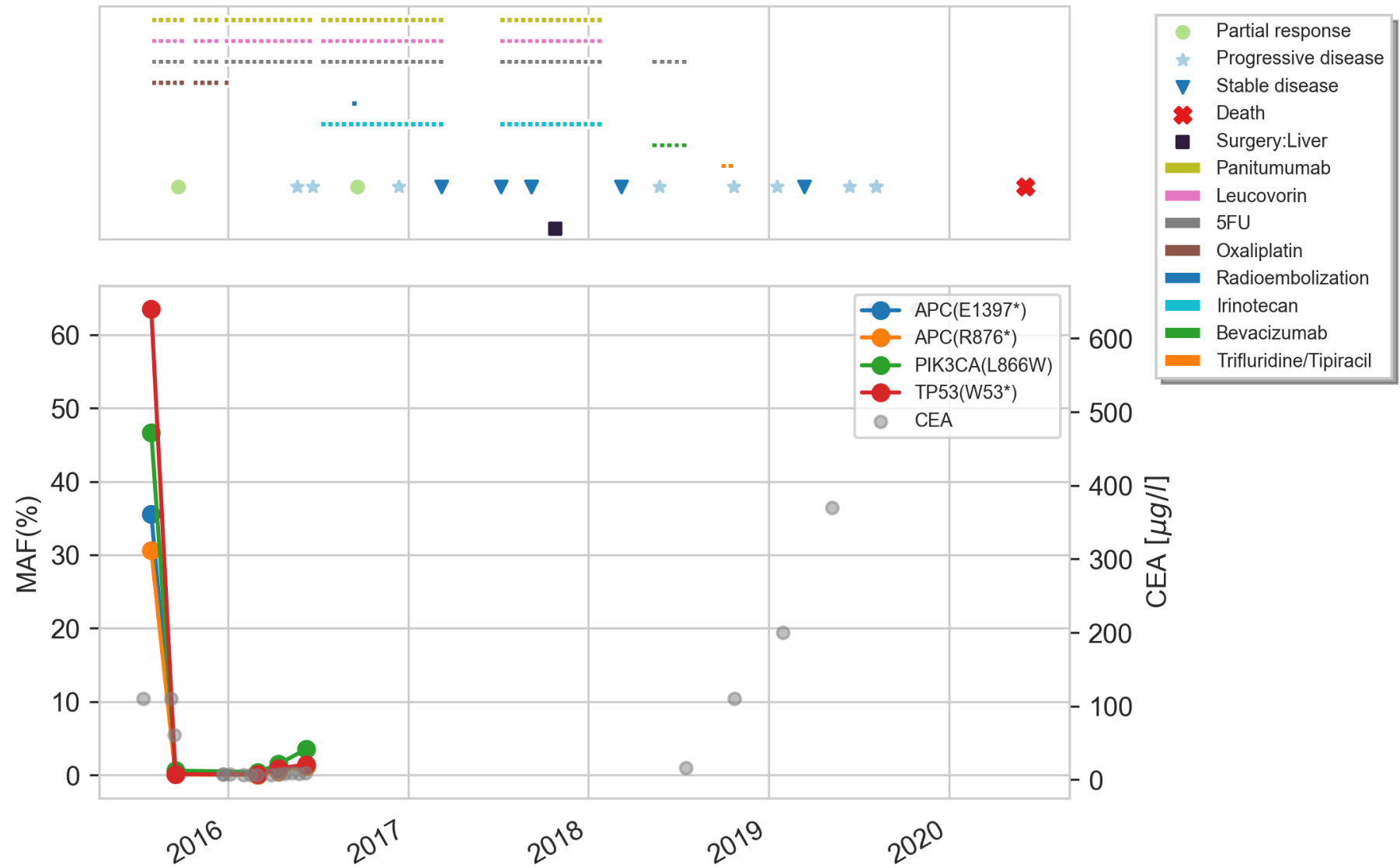
# Patient 13



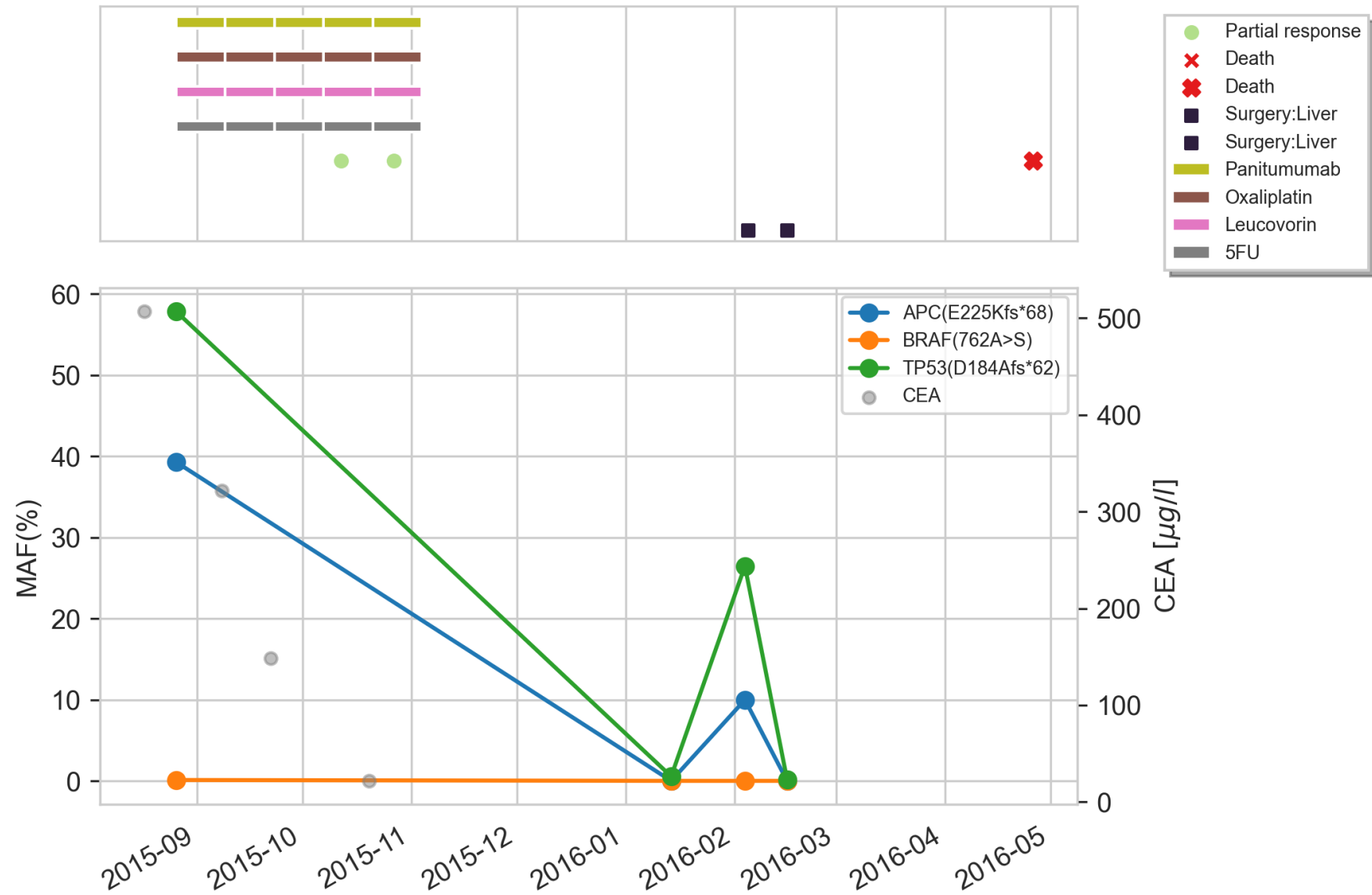
# Patient 14



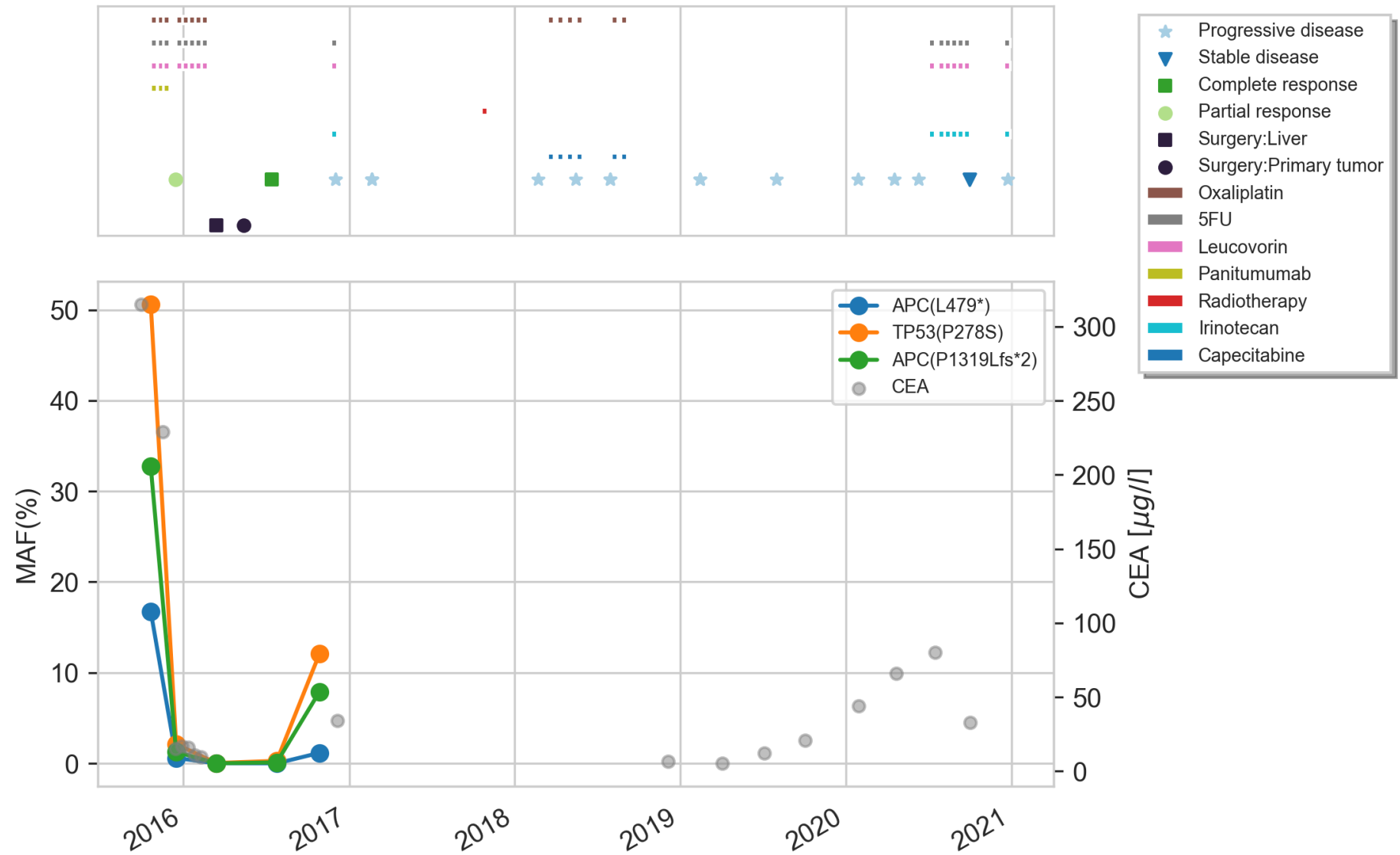
# Patient 27



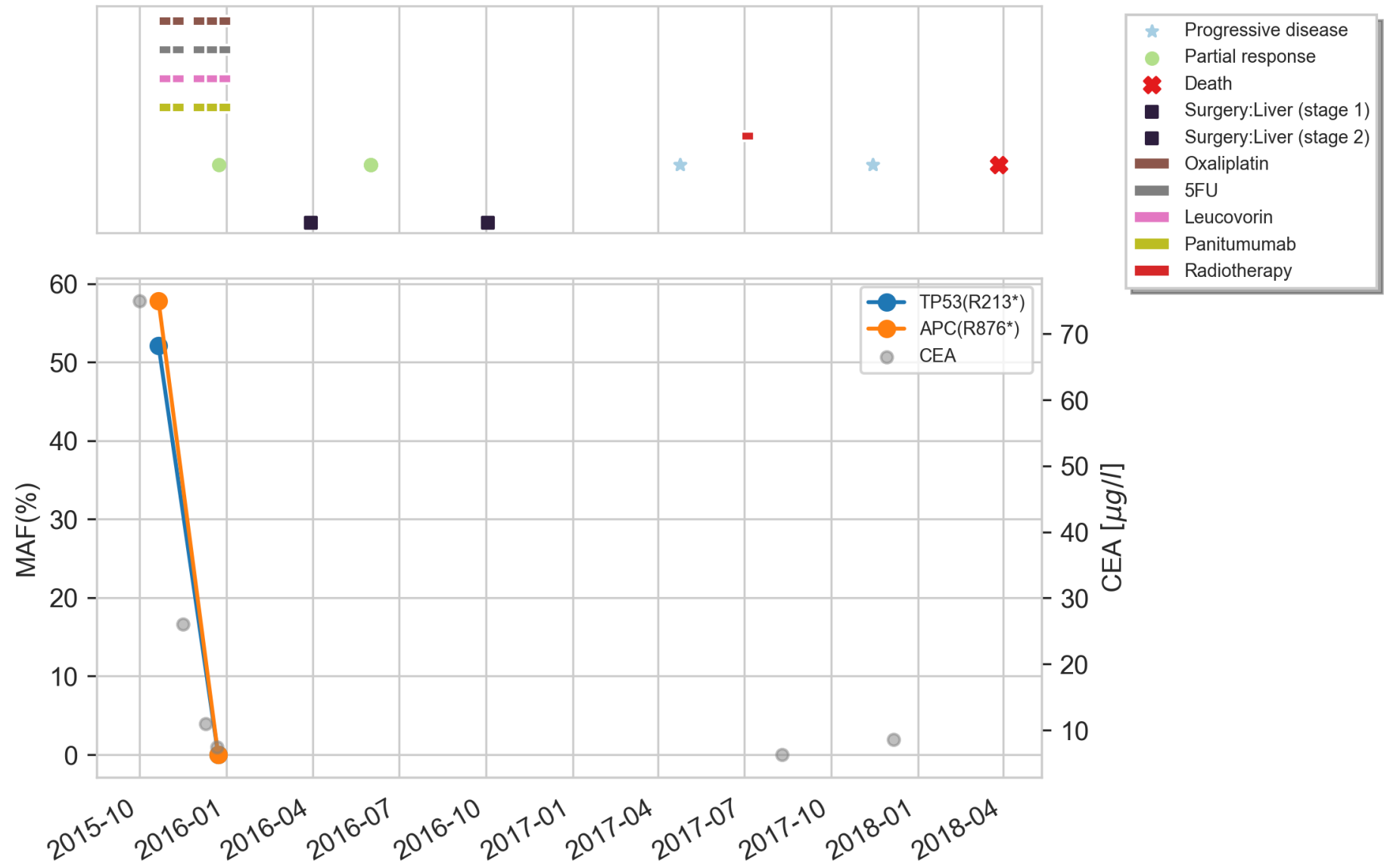
# Patient 28



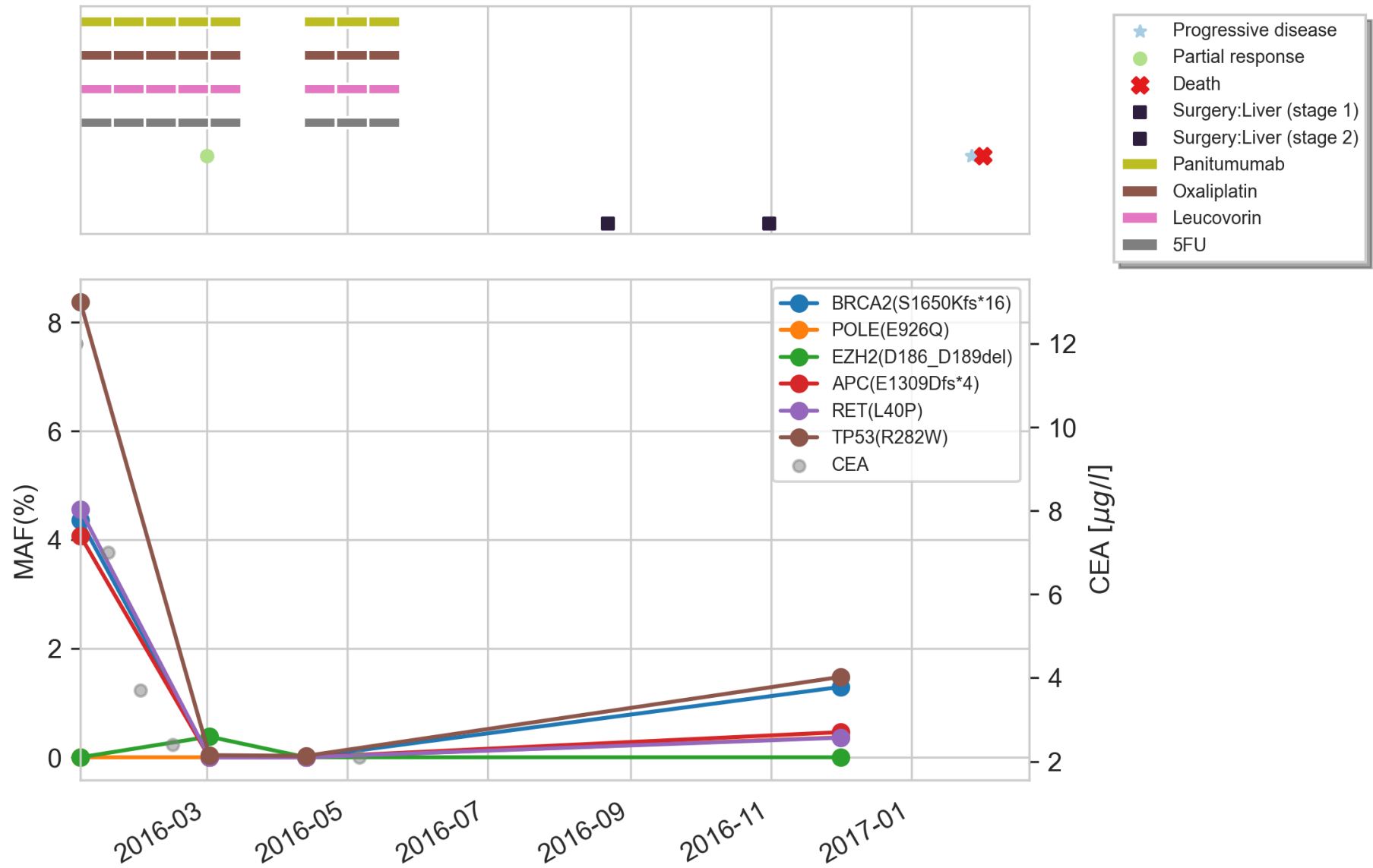
# Patient 36



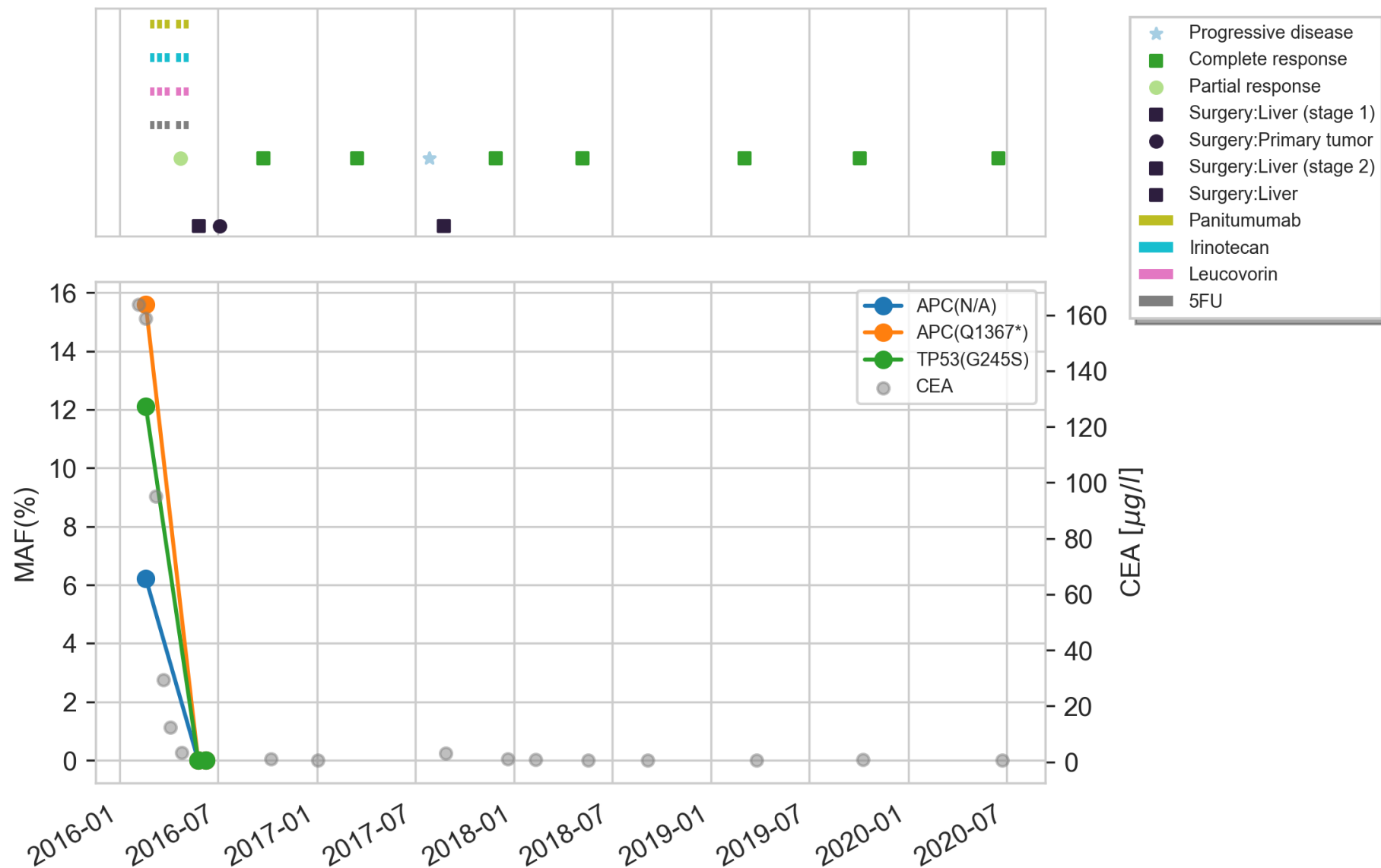
# Patient 38



# Patient 45

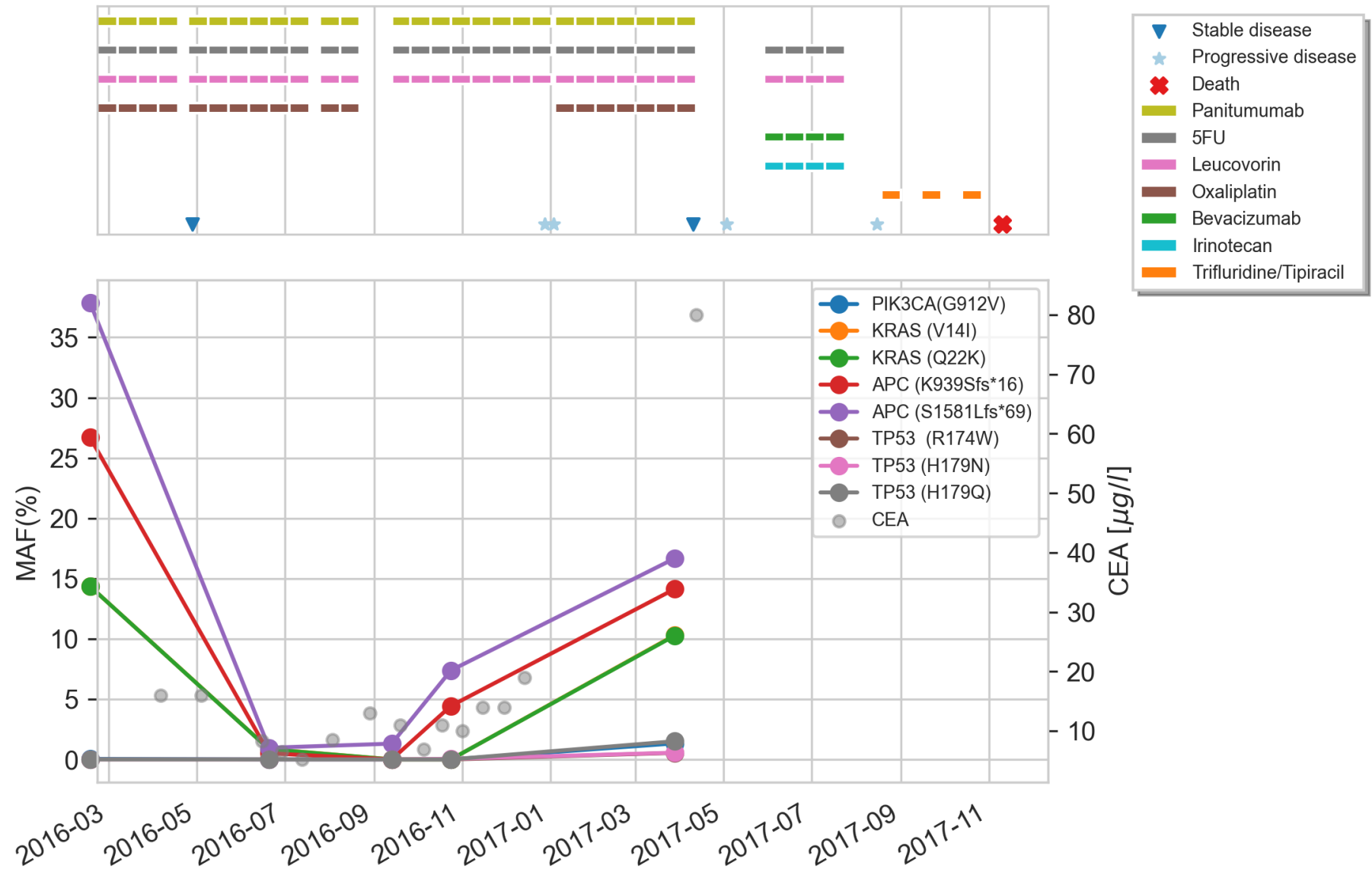


# Patient 55

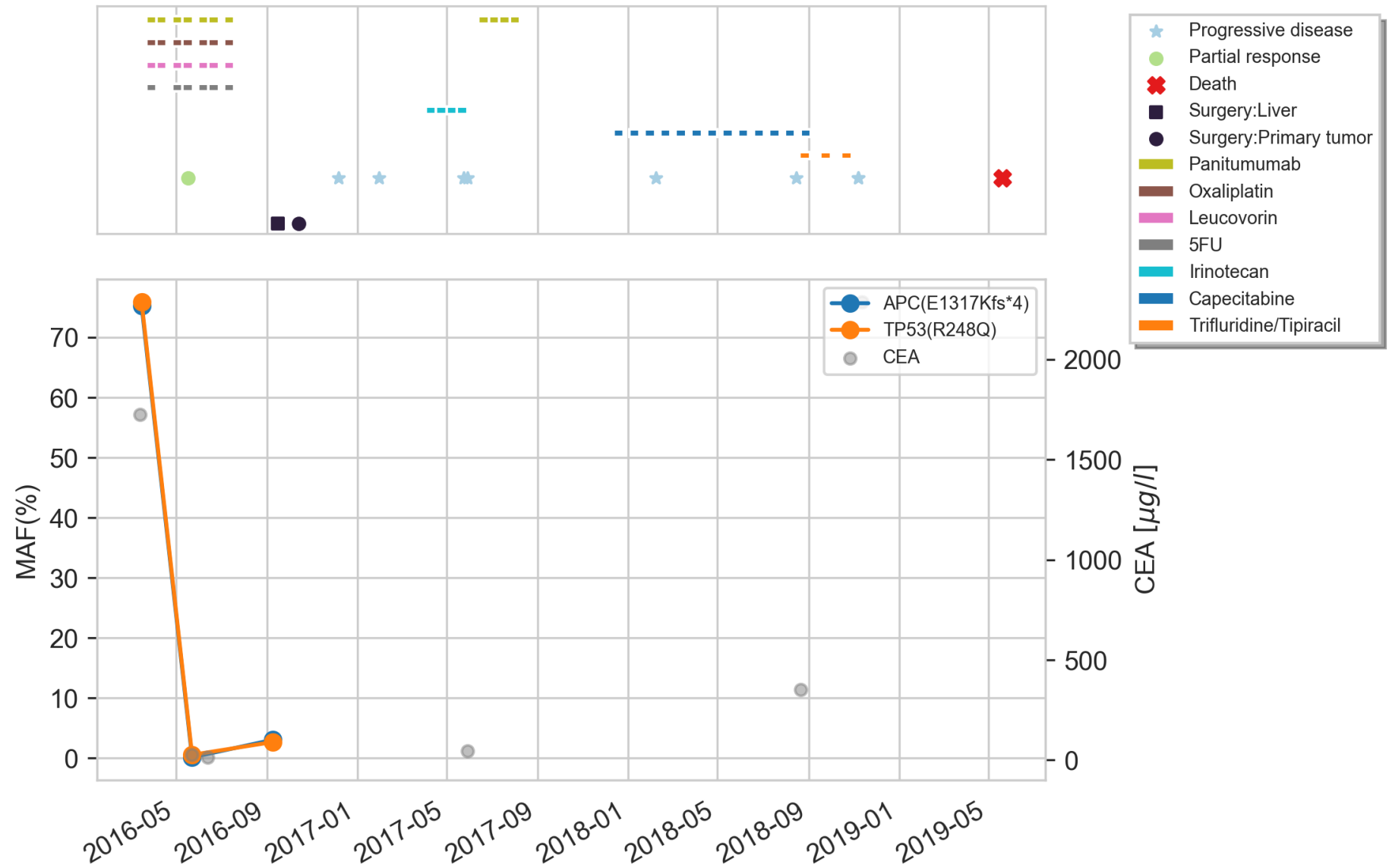




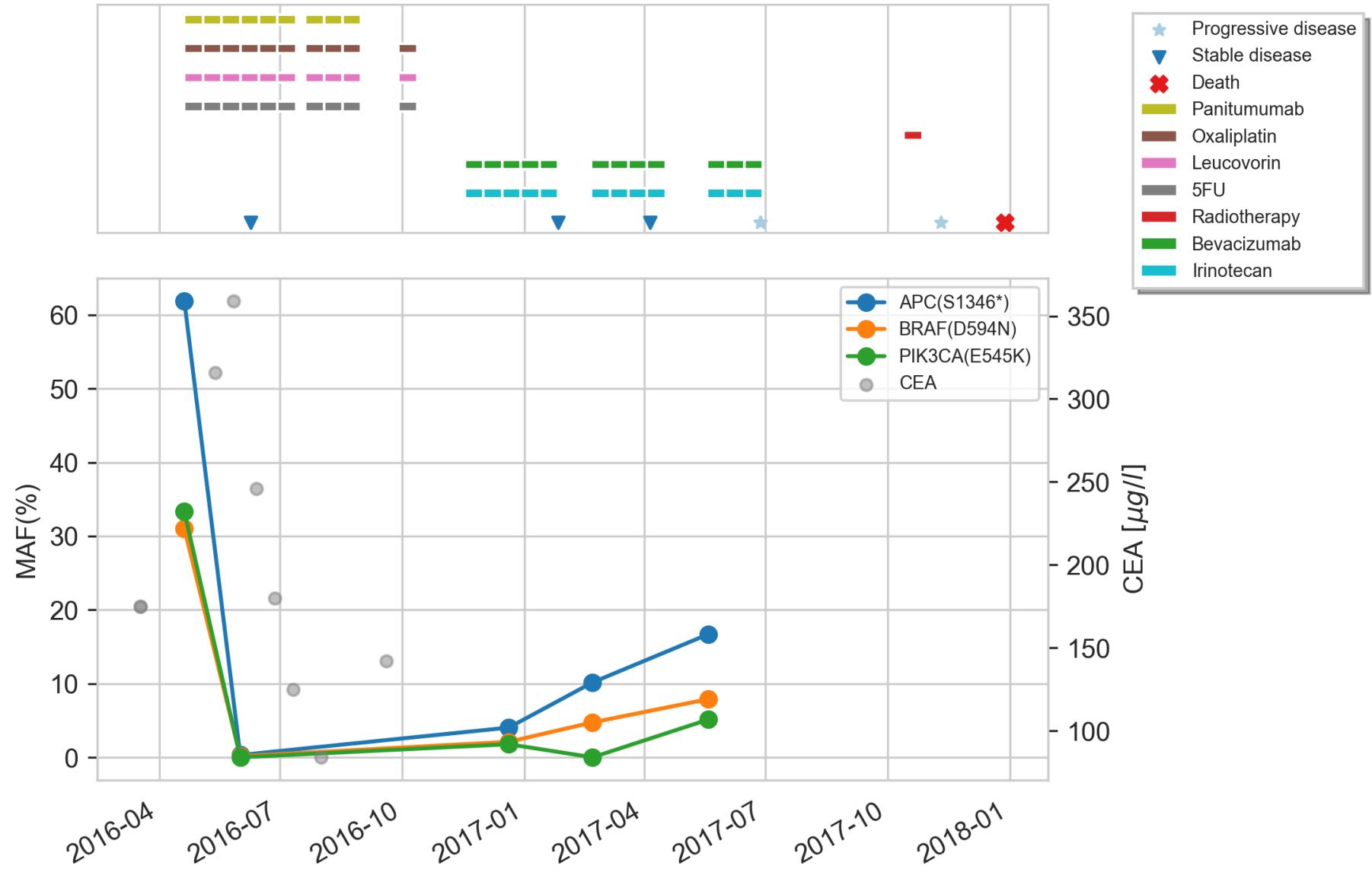
# Patient 58



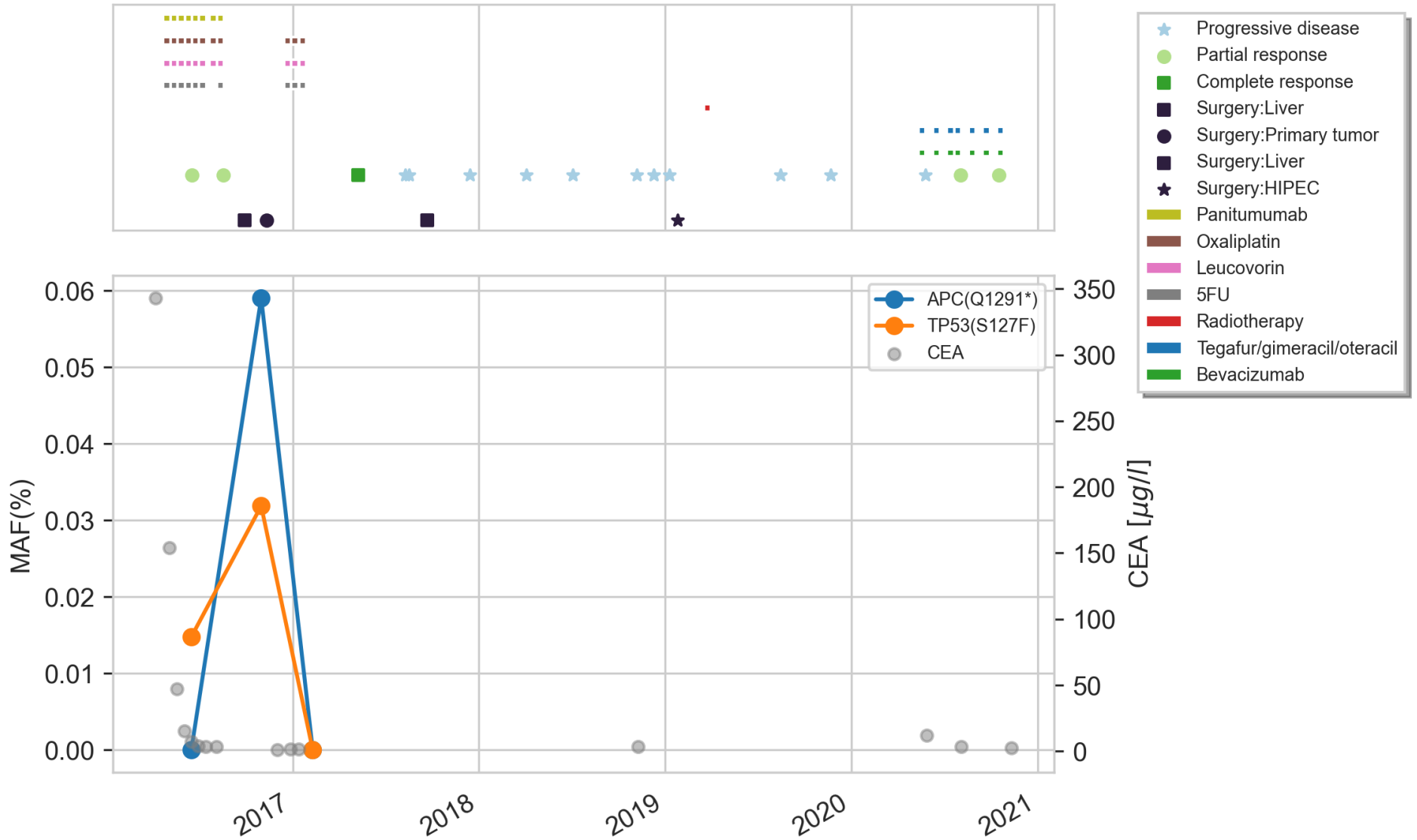
# Patient 62



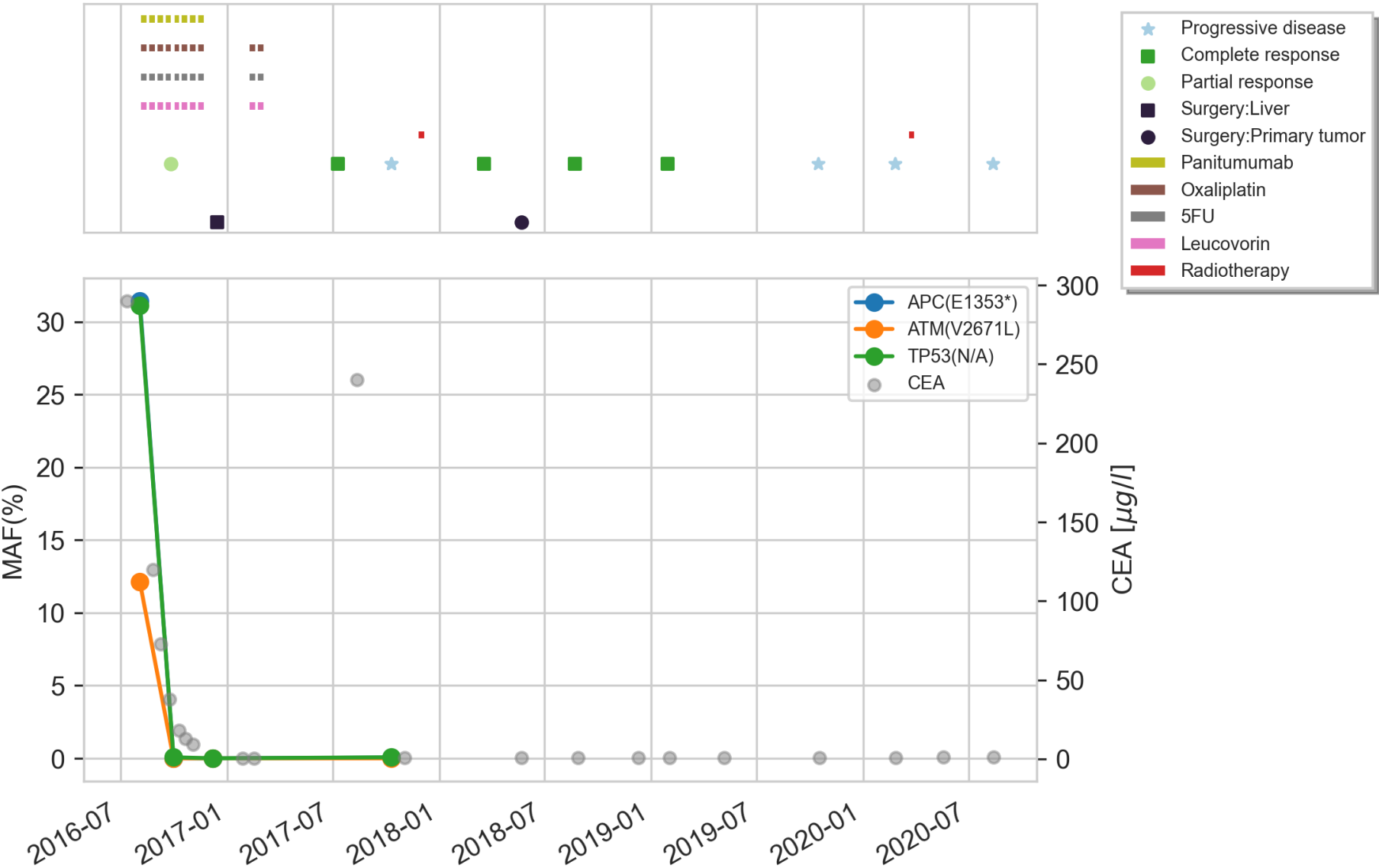
# Patient 68



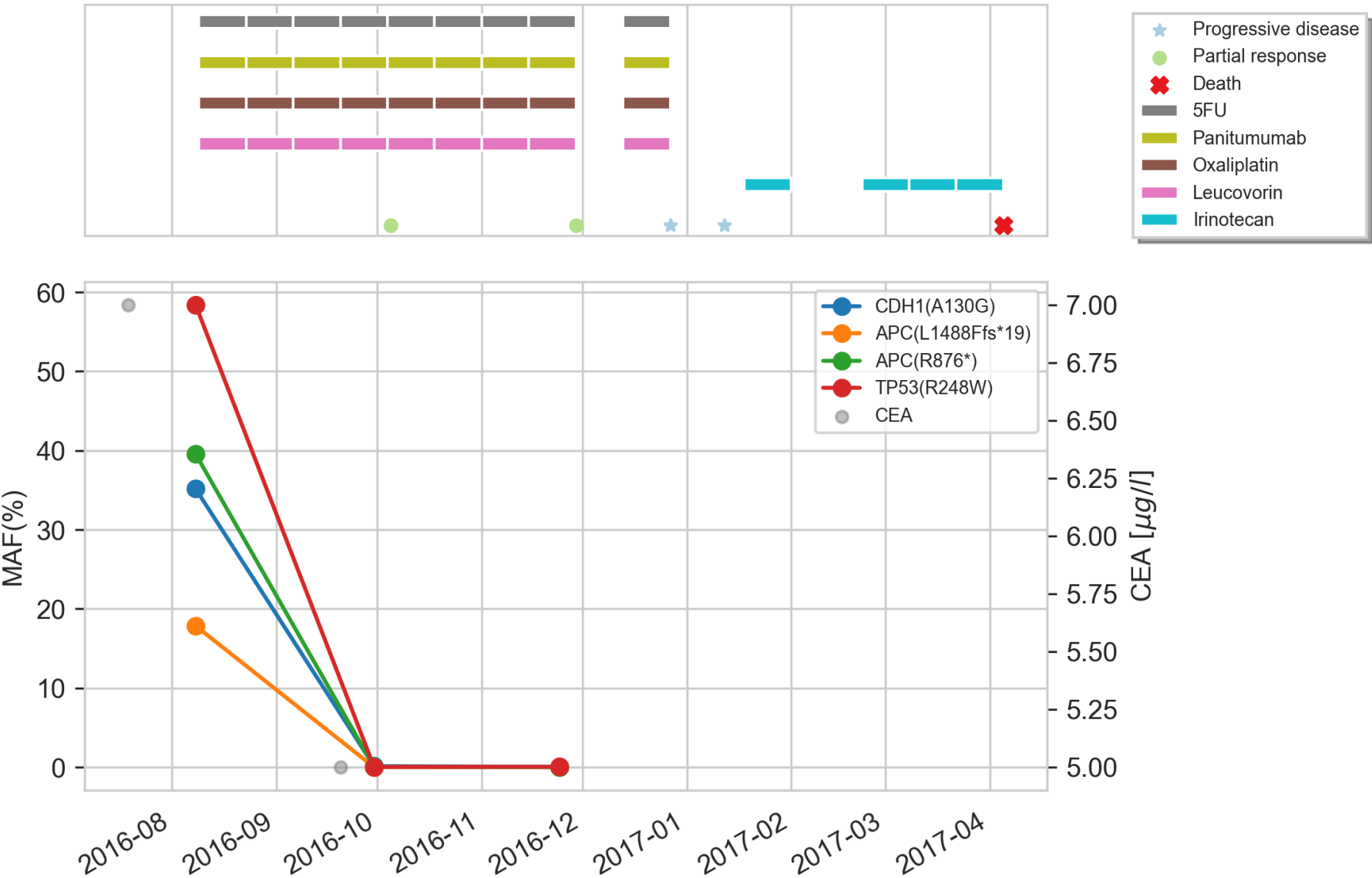
# Patient 70



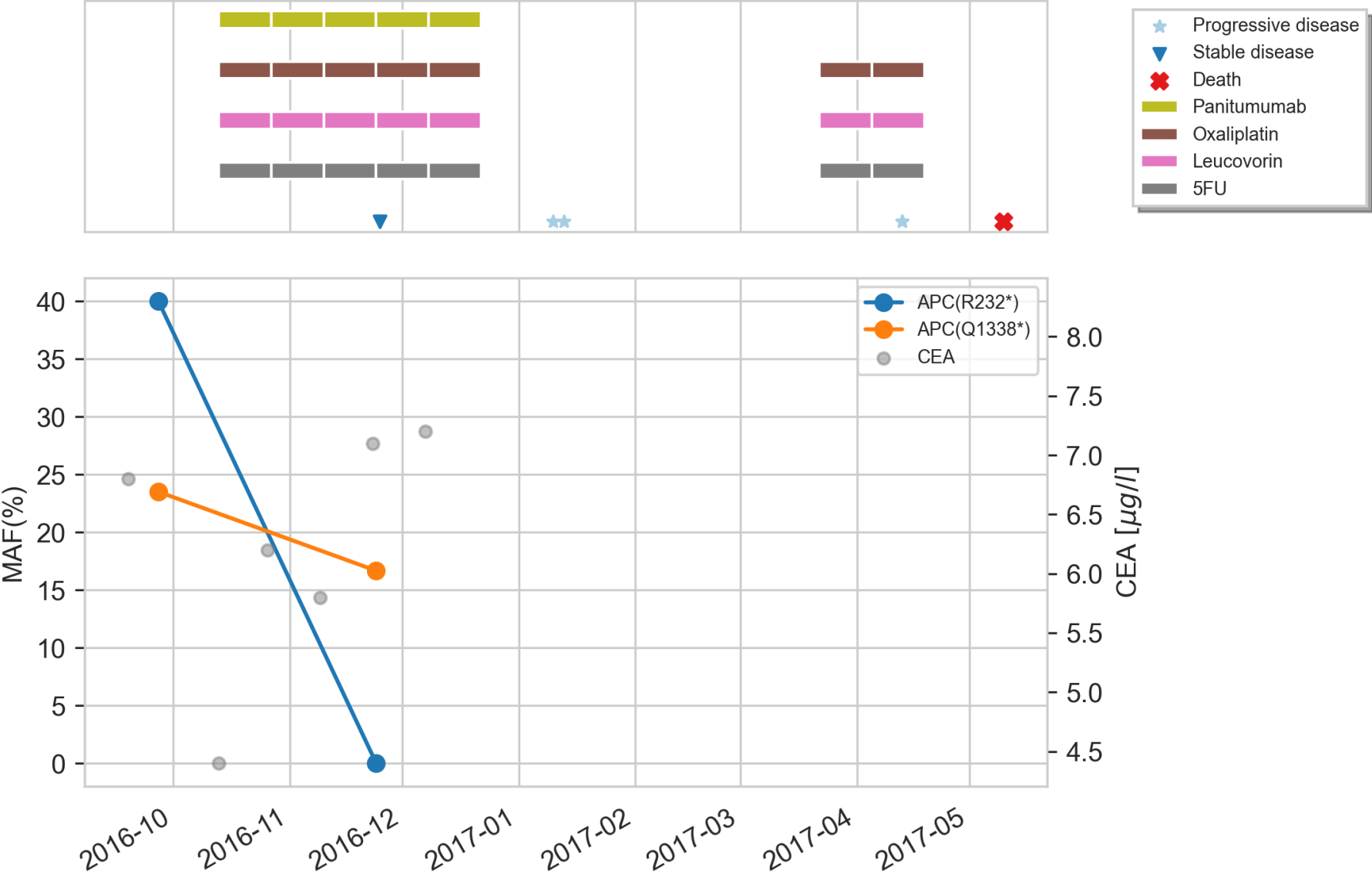
Patient 105



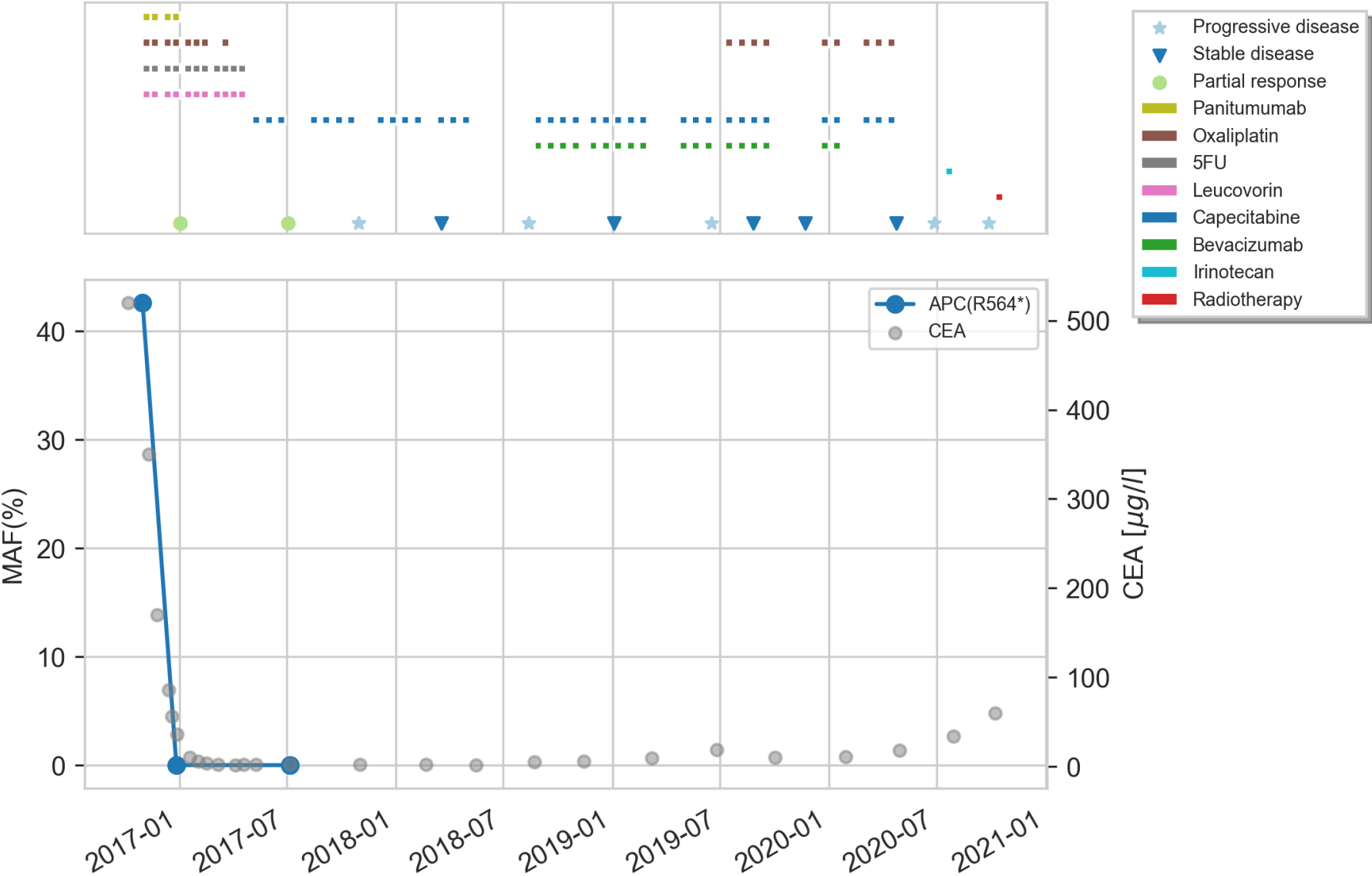
Patient 108



Patient 124

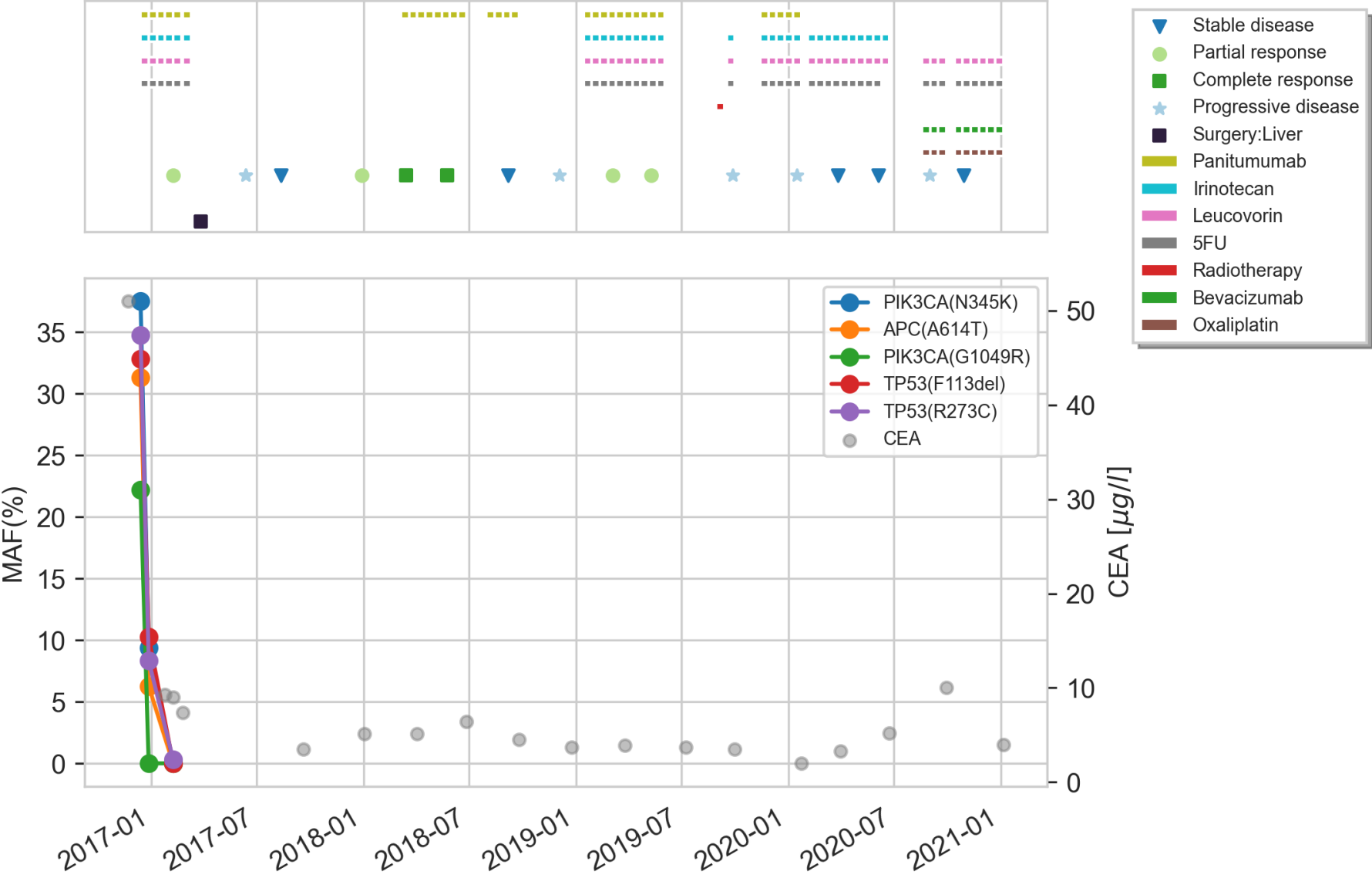


Patient 130

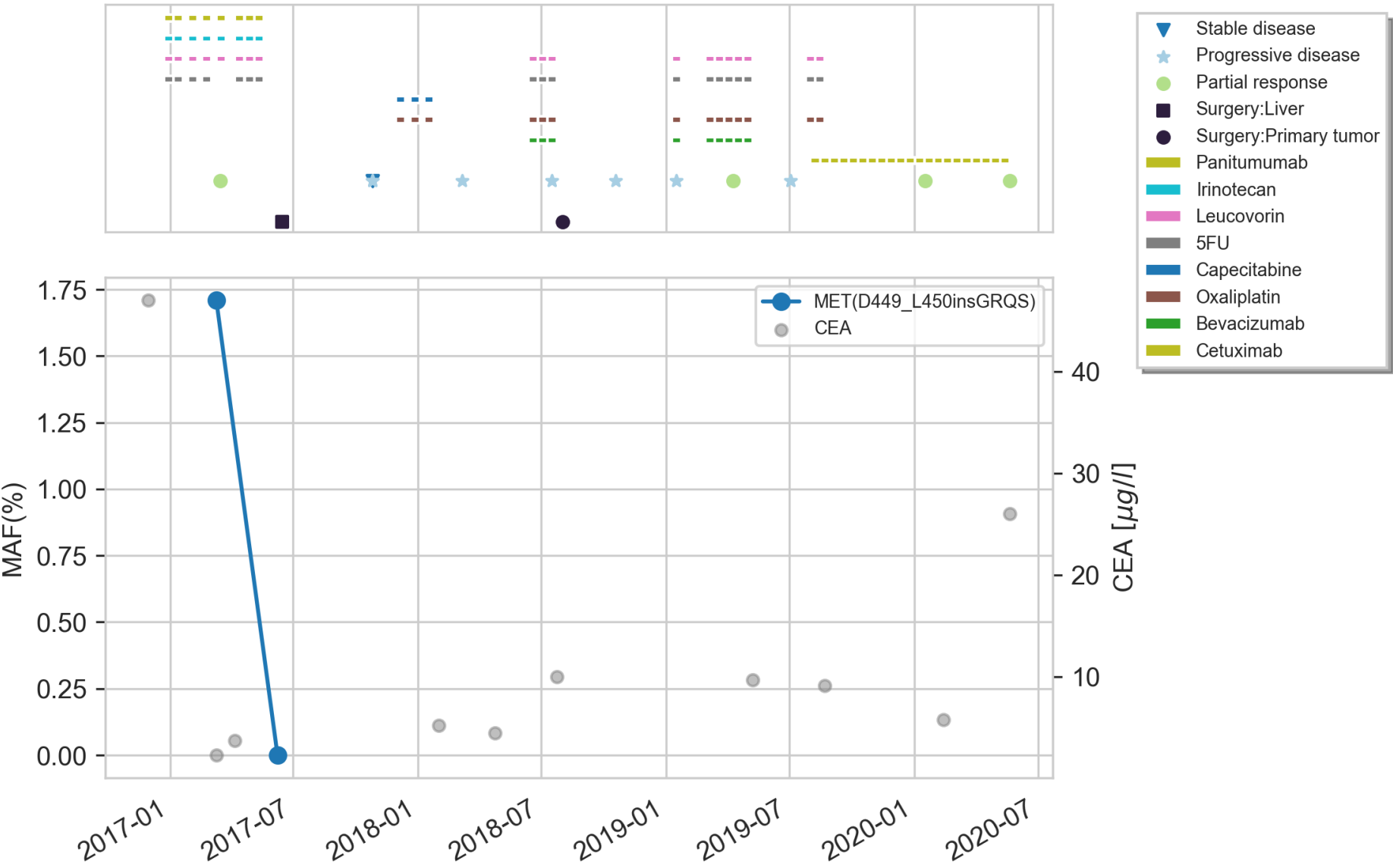




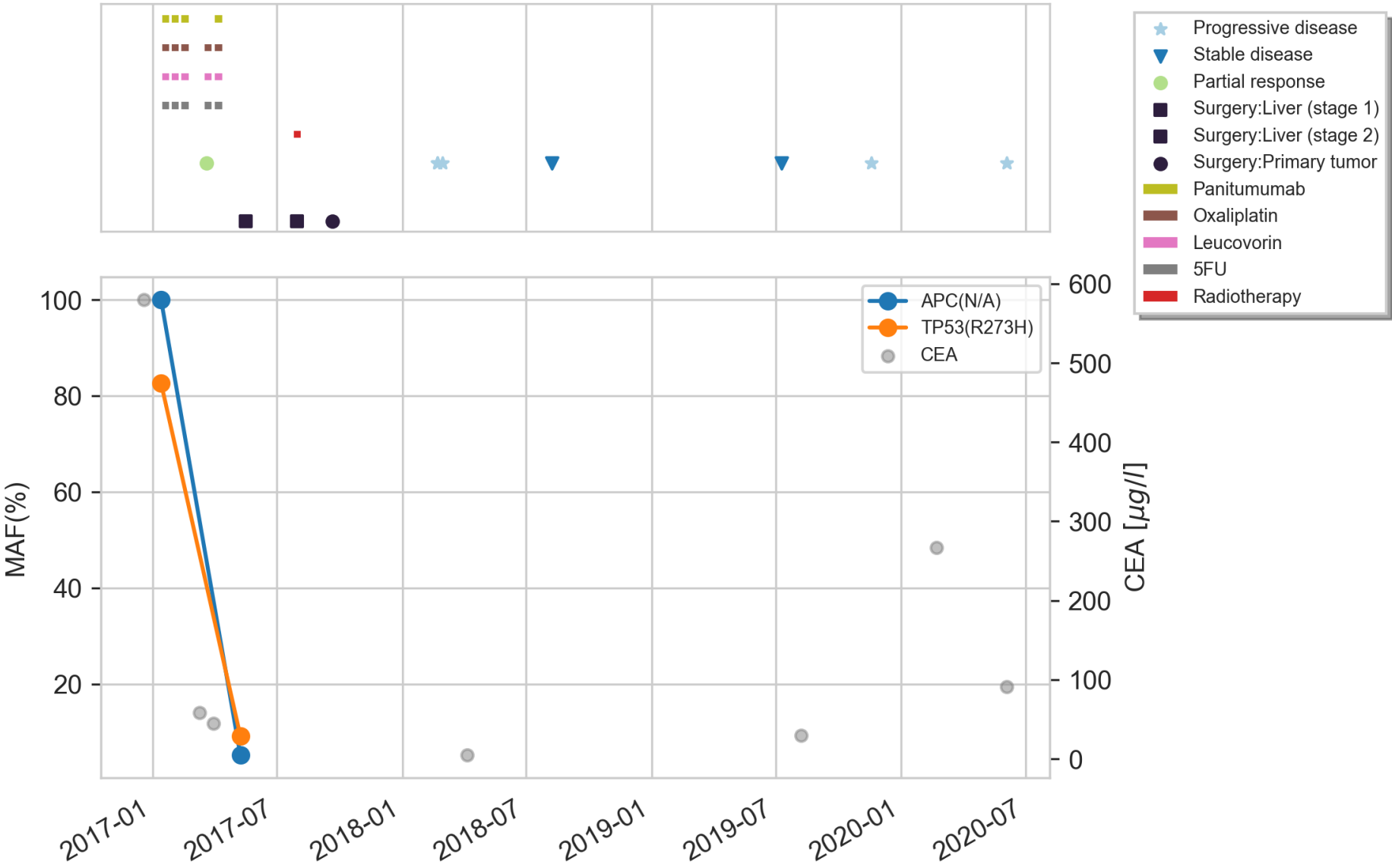
Patient 139



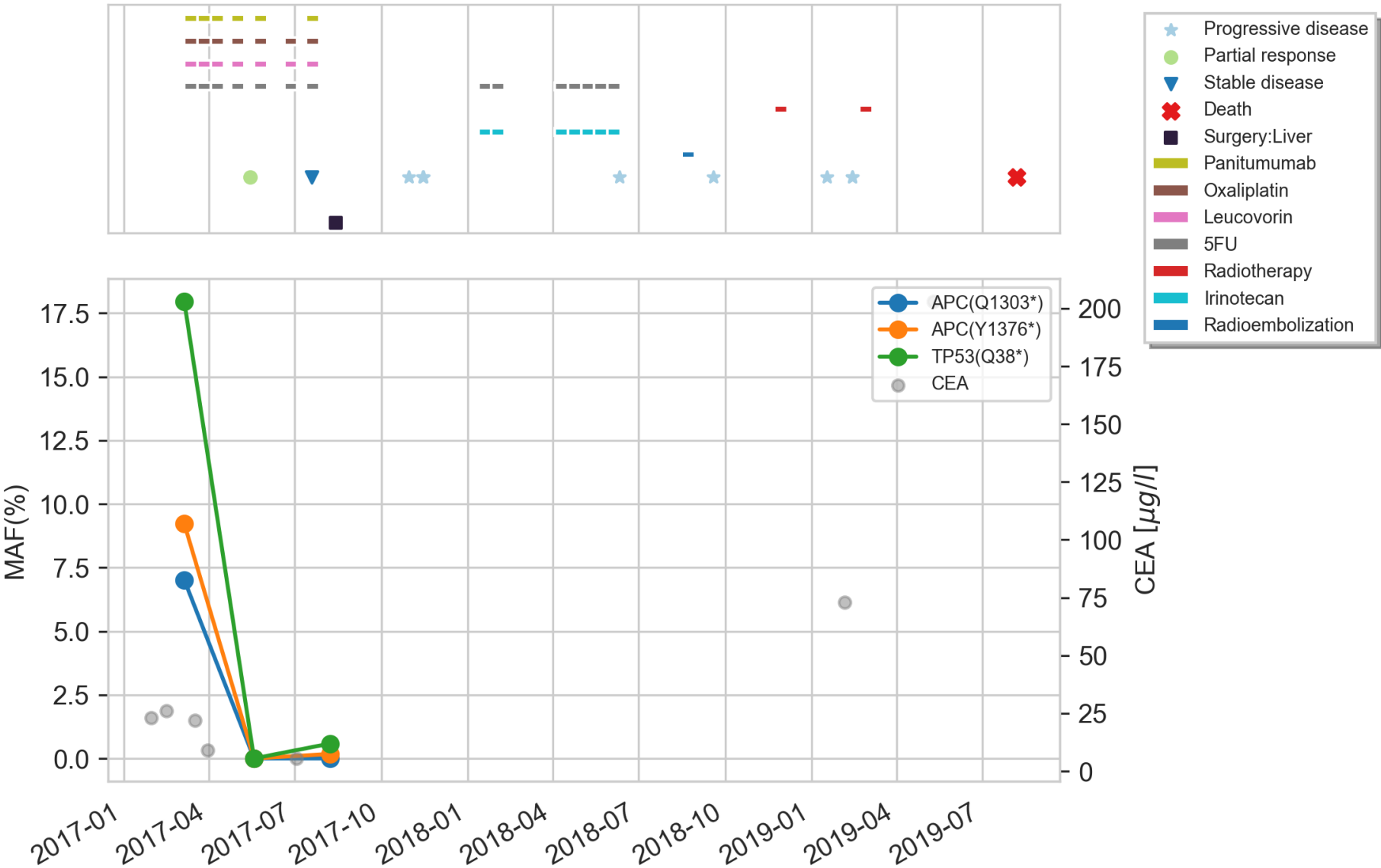
Patient 140



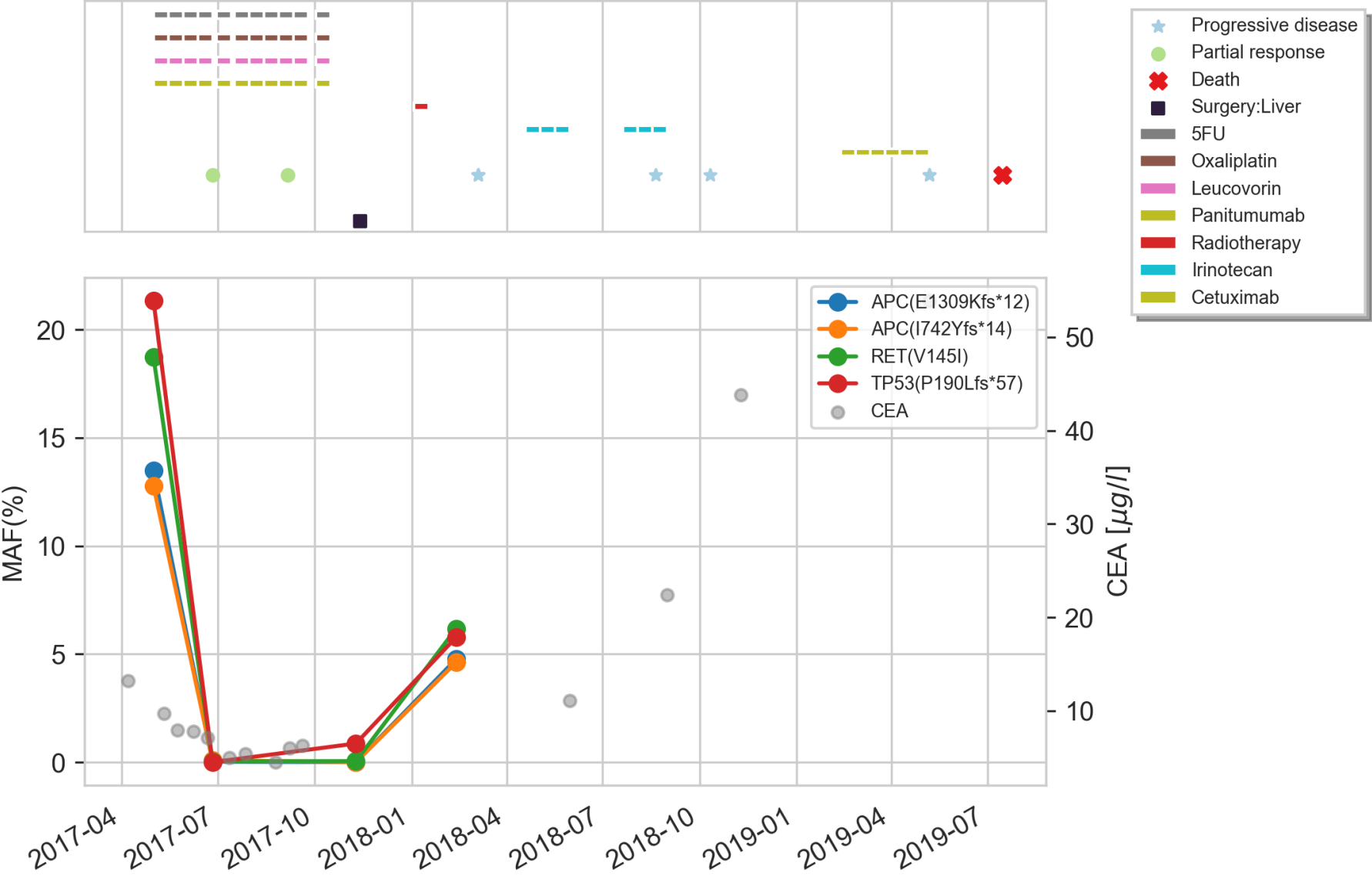
Patient 148



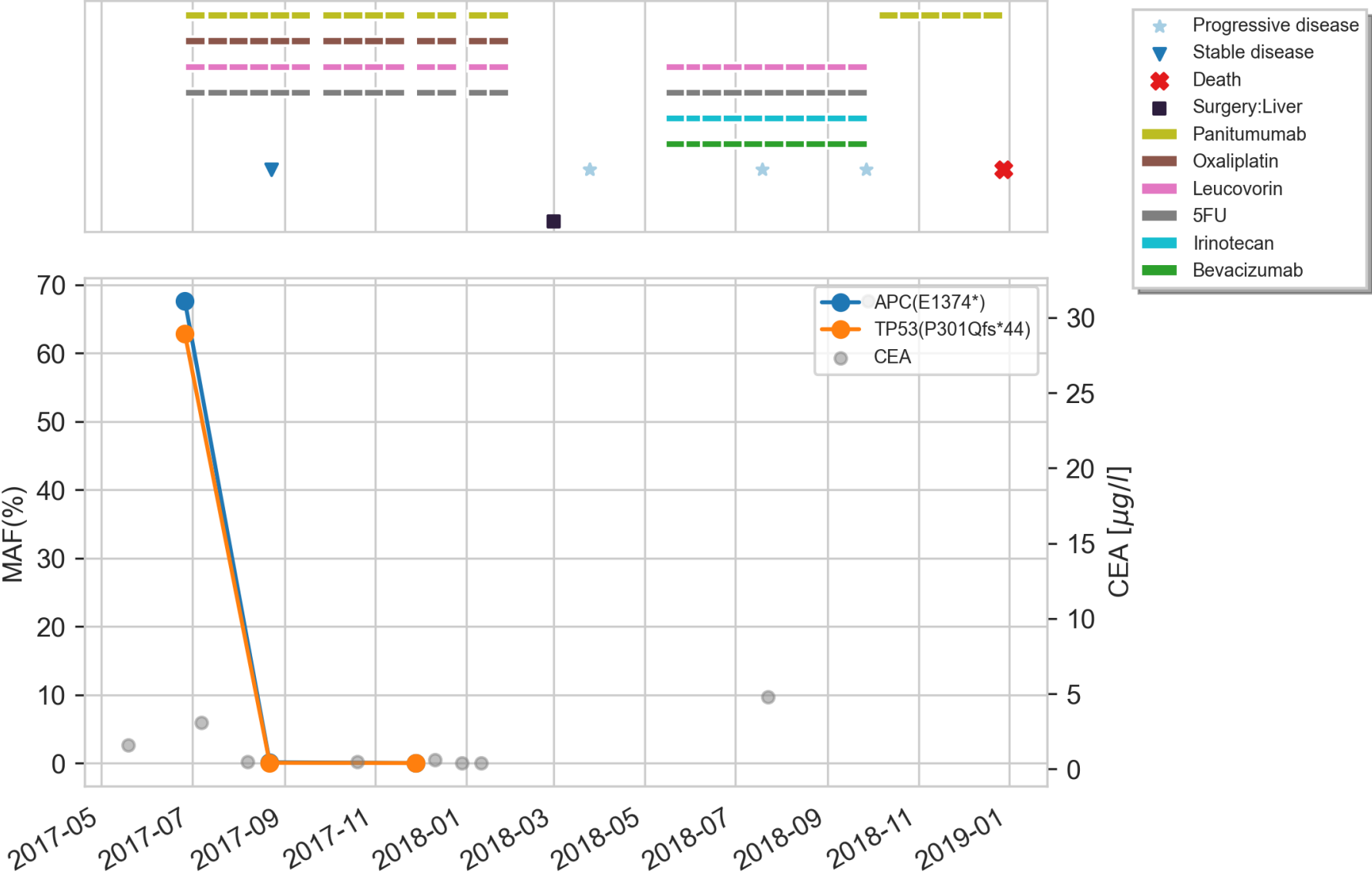
Patient 157



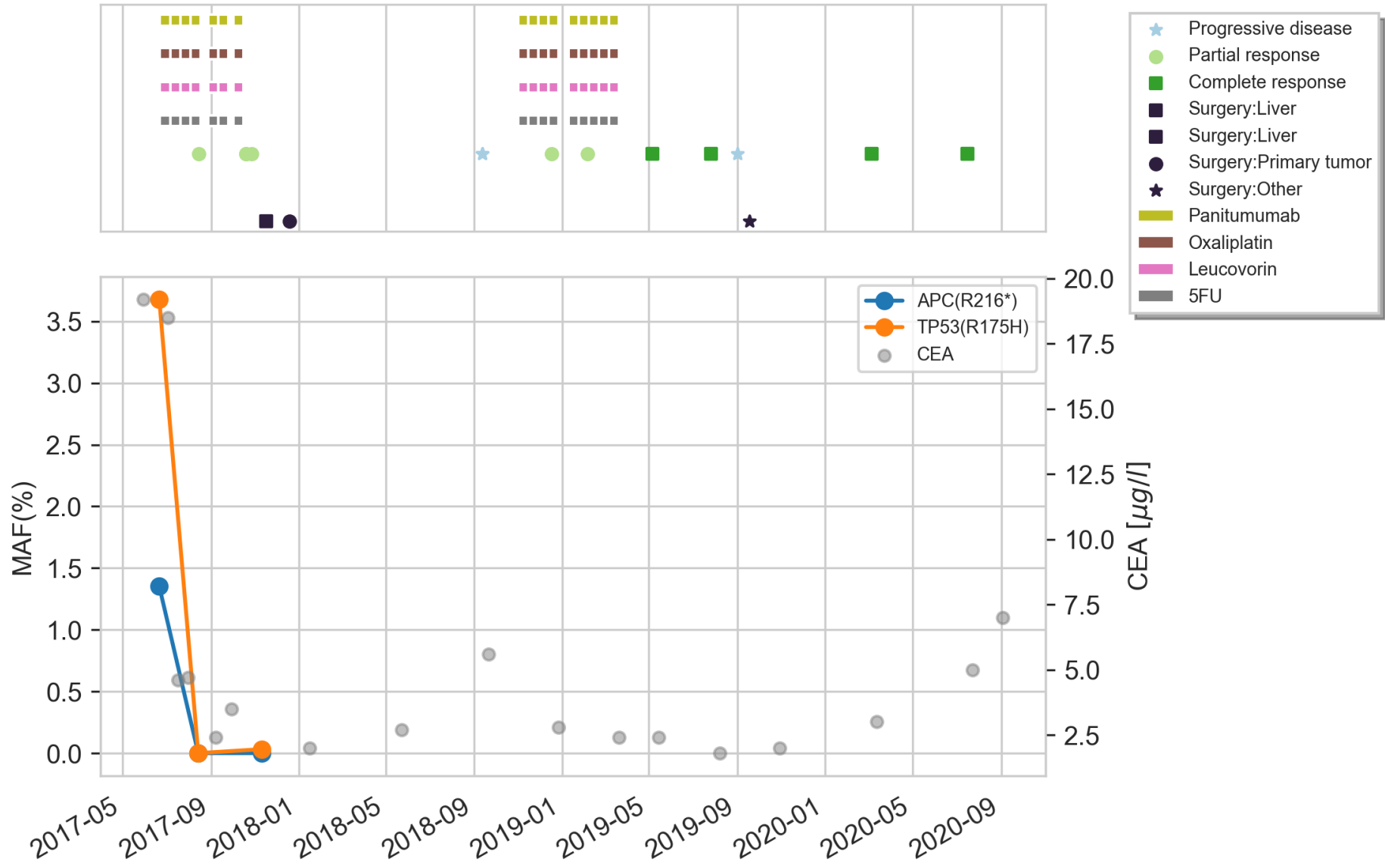
Patient 165



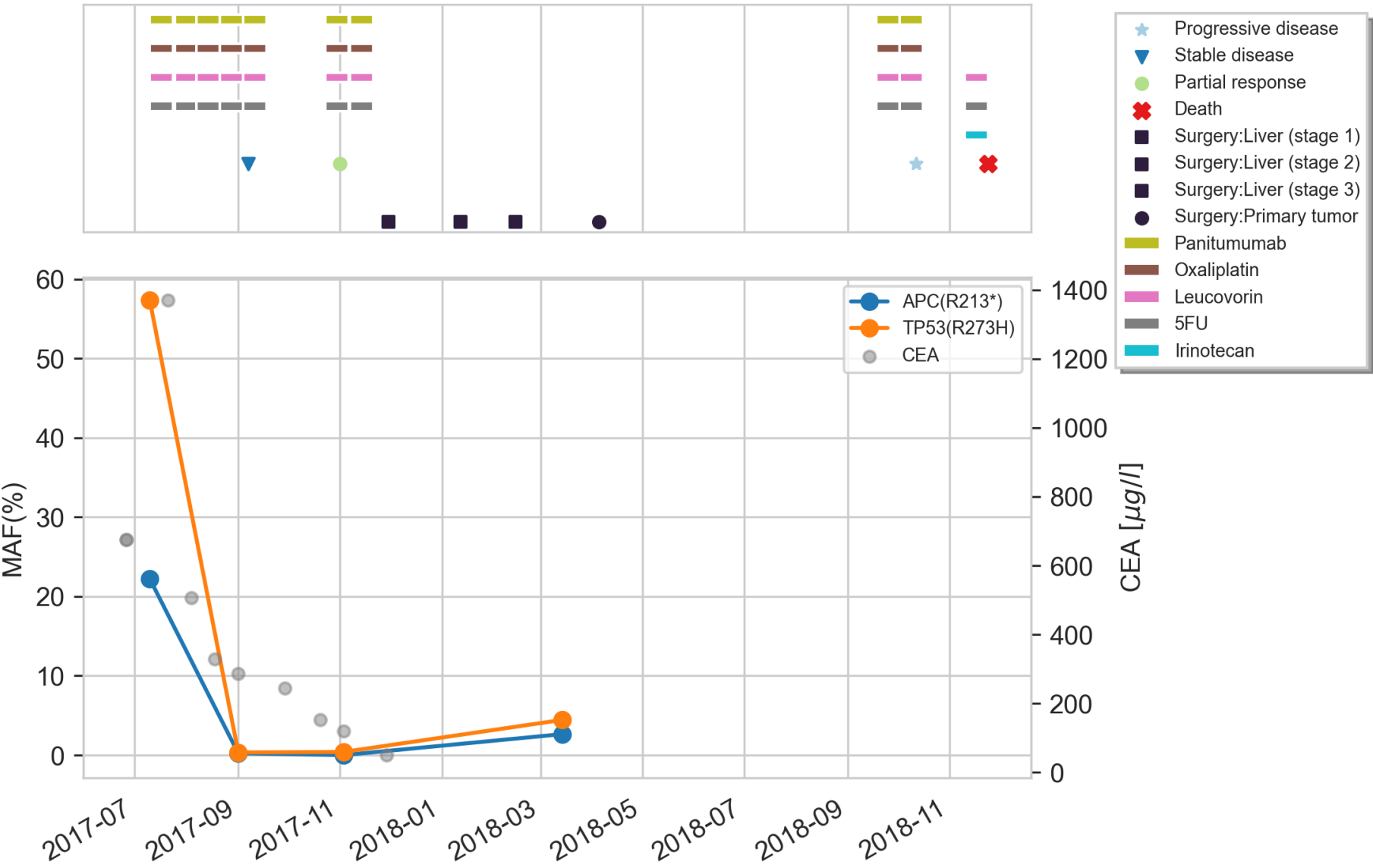
Patient 176



Patient 179

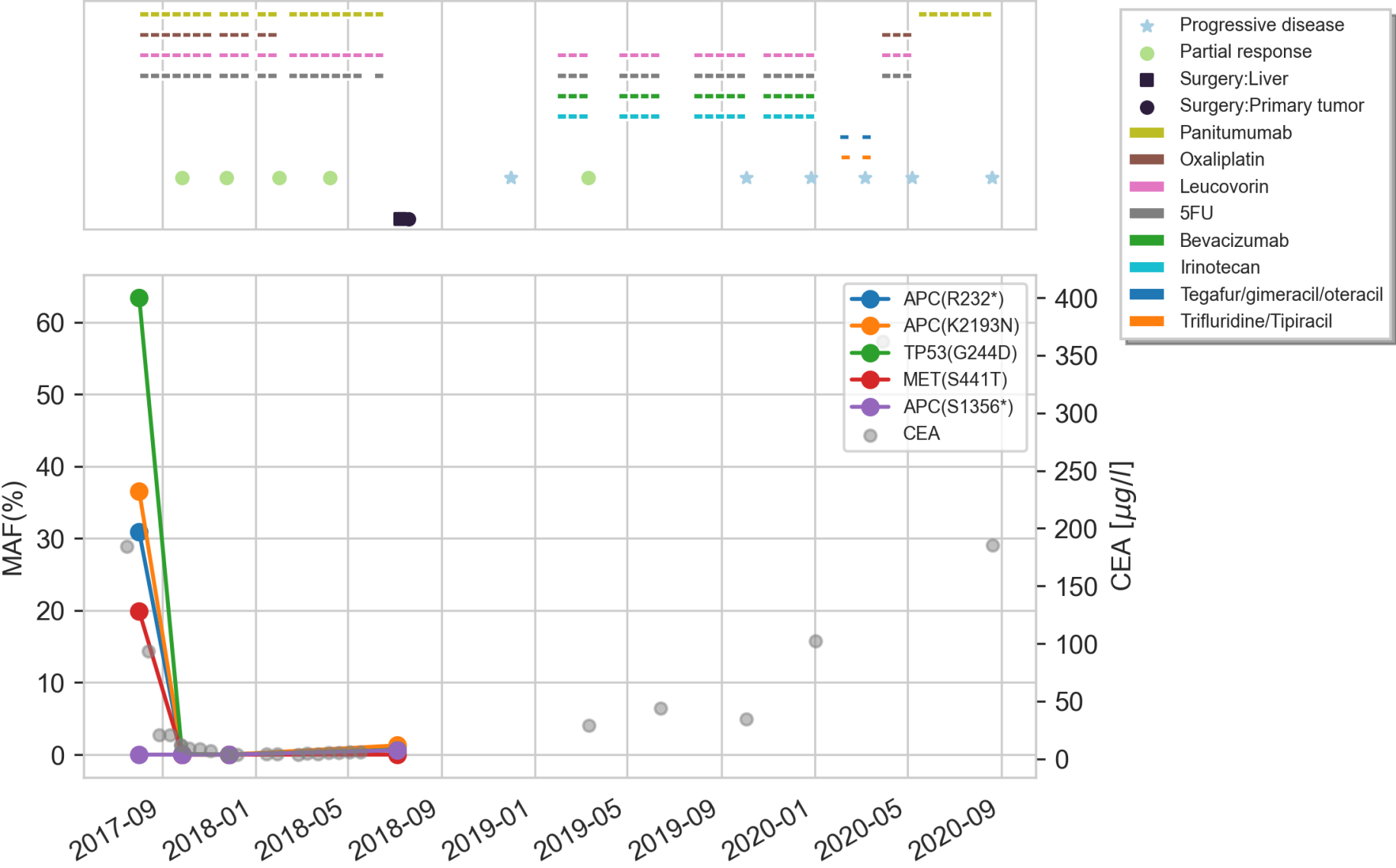


Patient 185

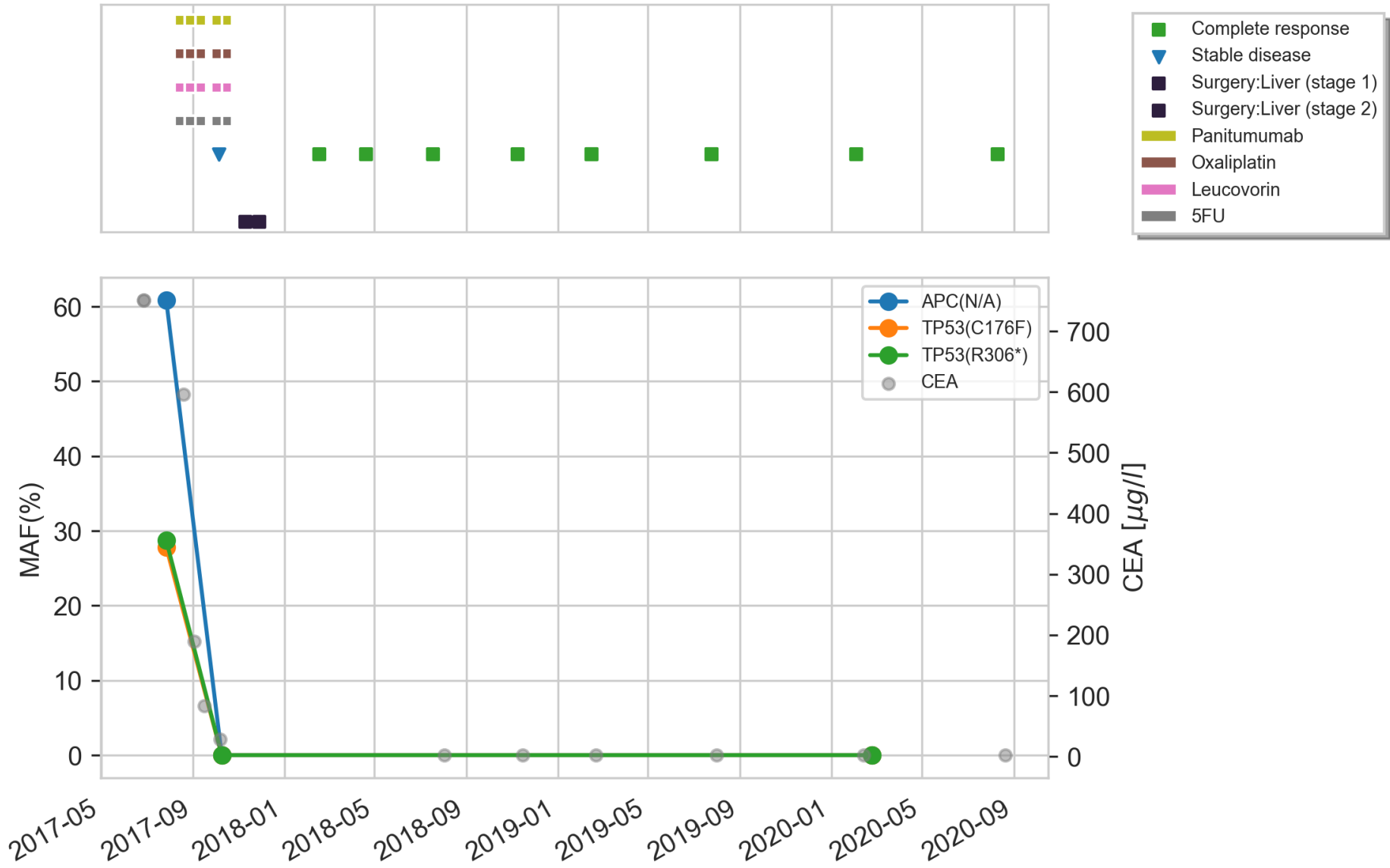




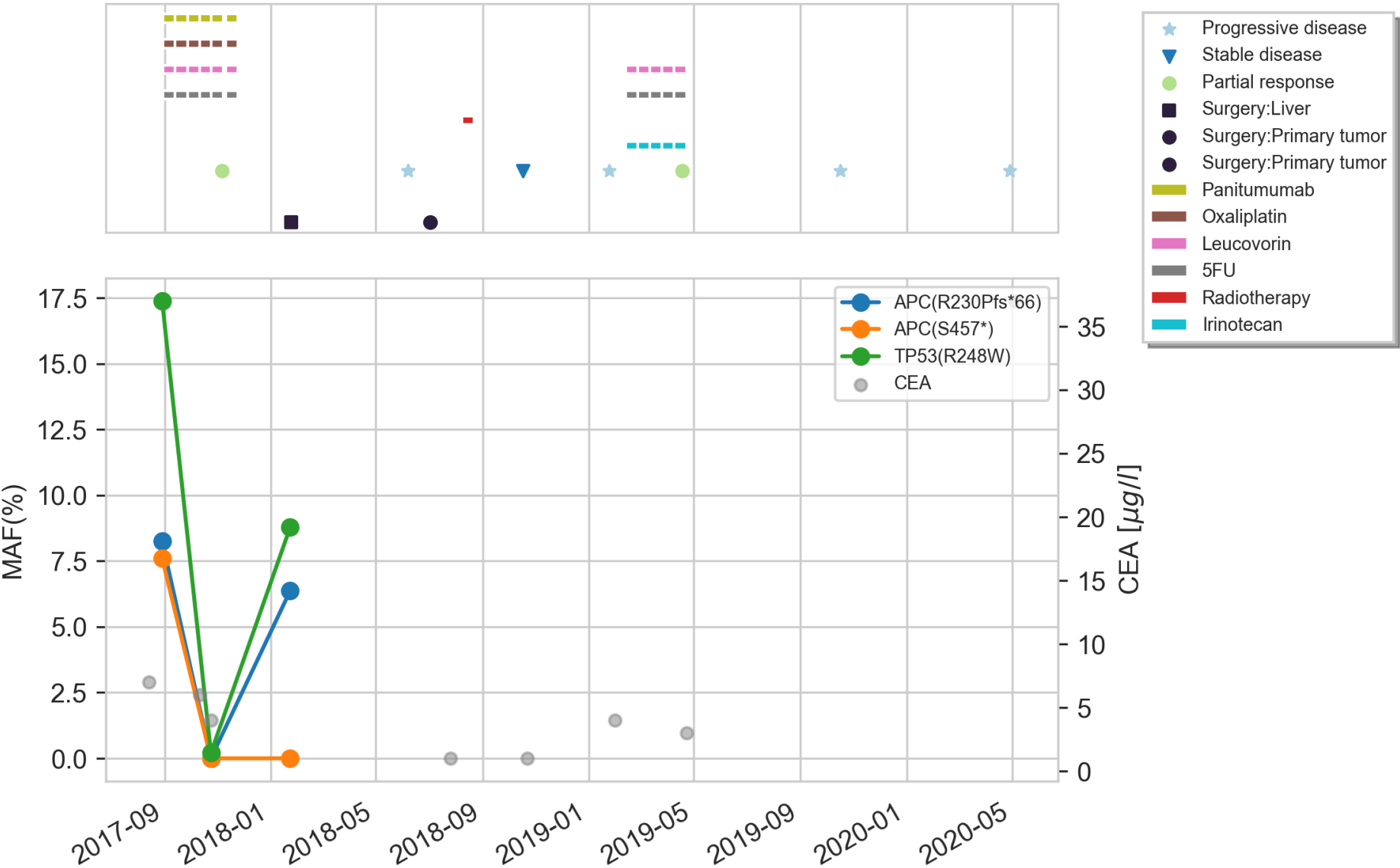
Patient 192



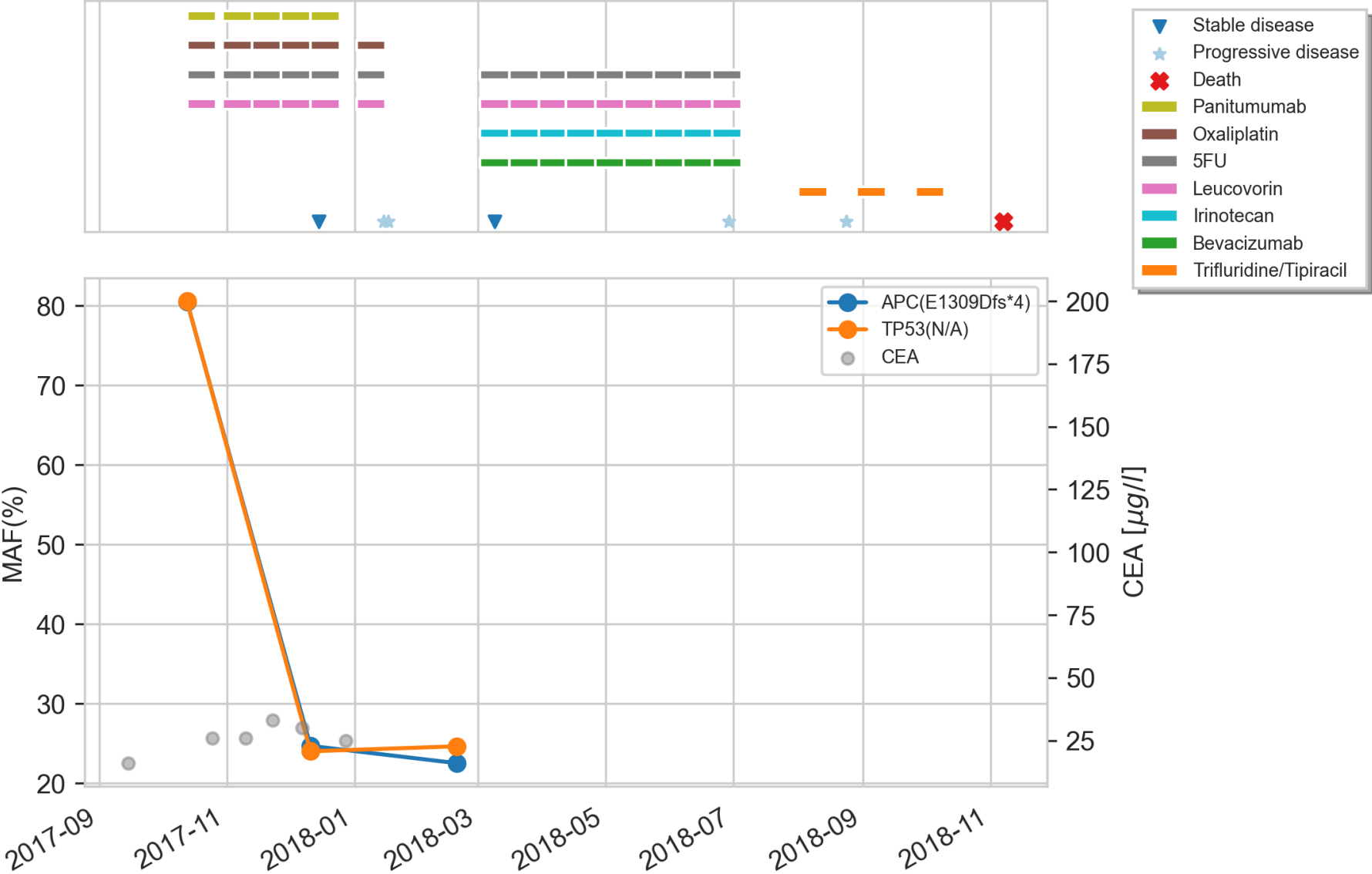
Patient 193



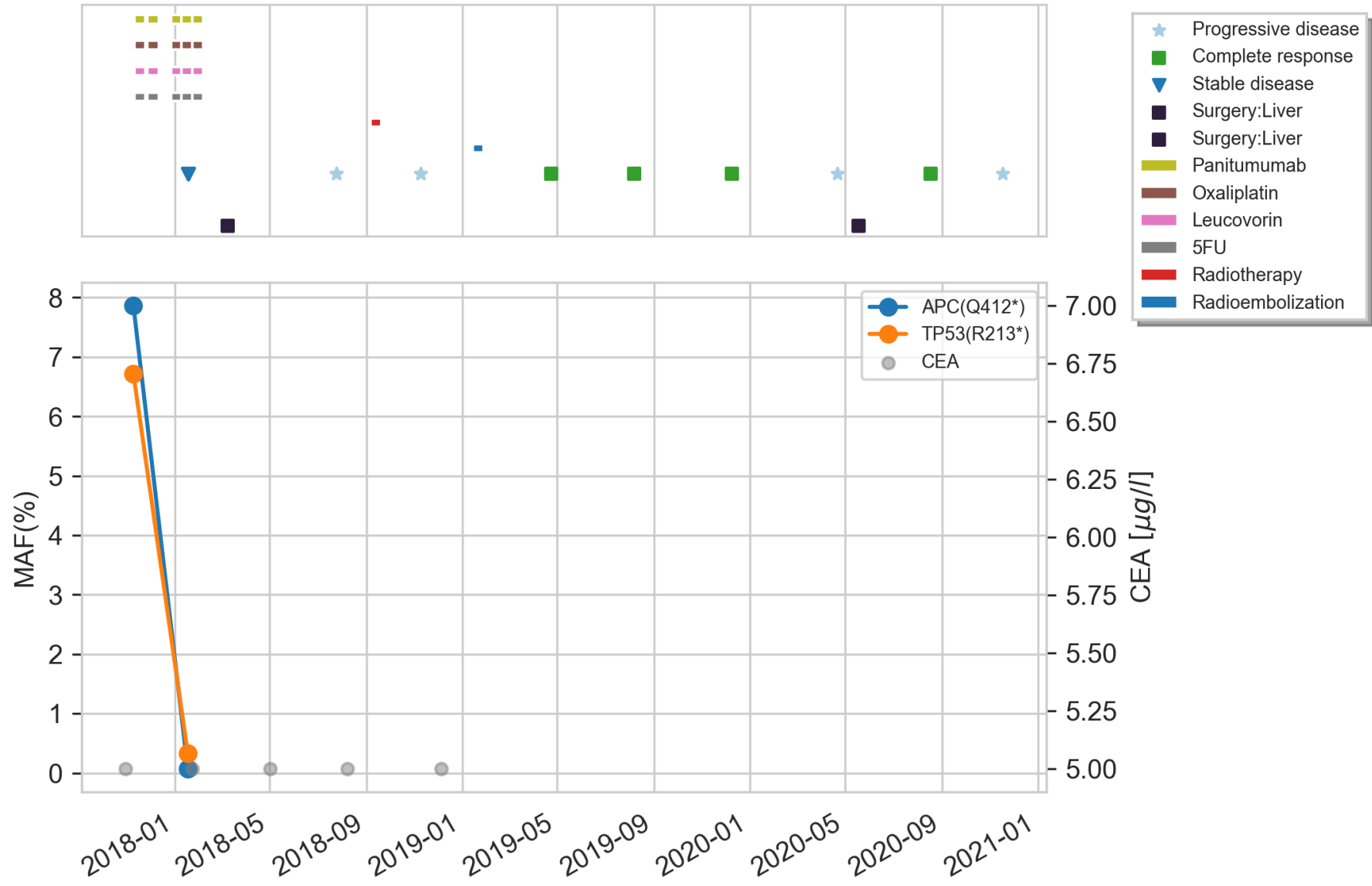
Patient 198



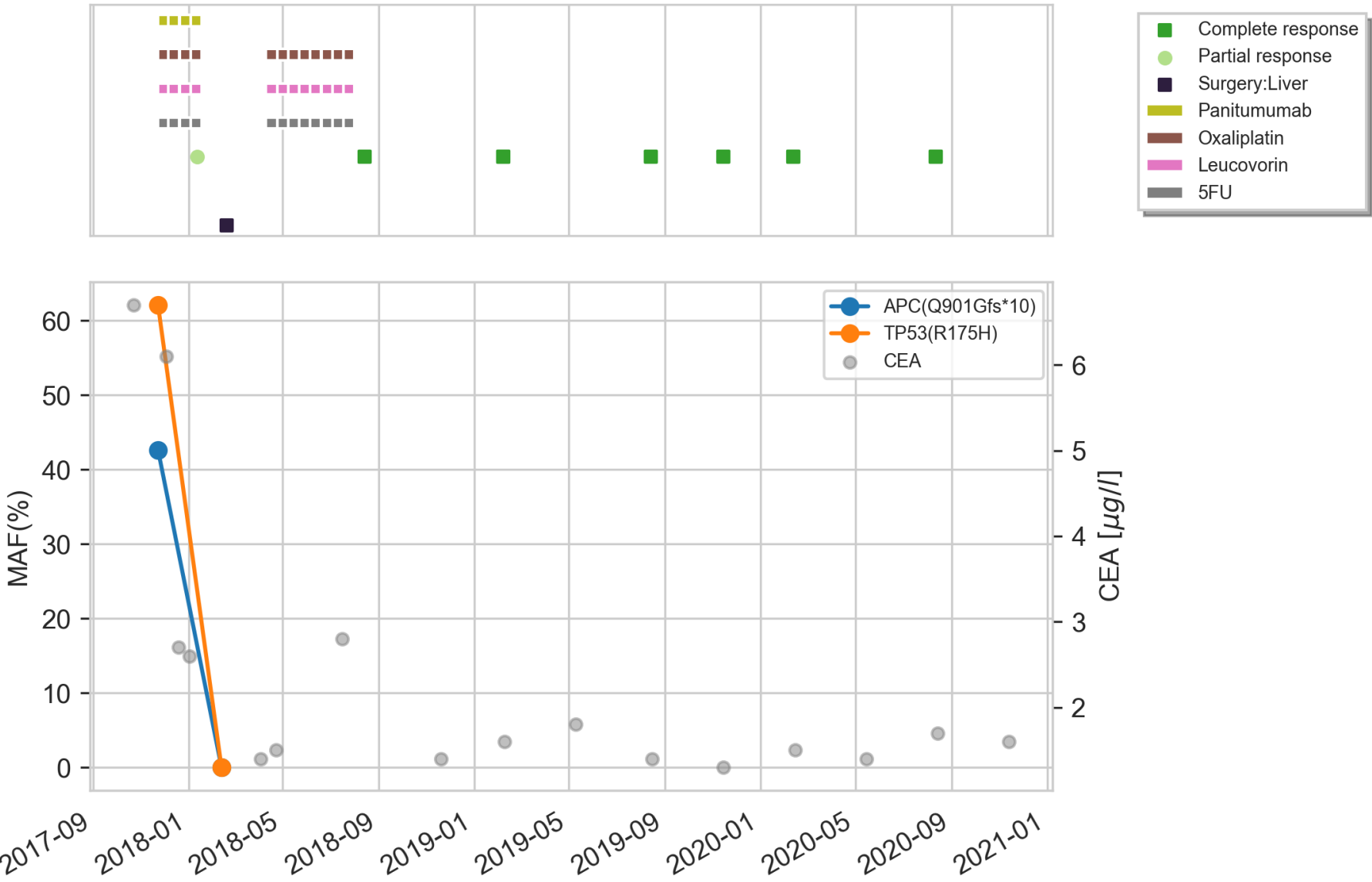
Patient 210



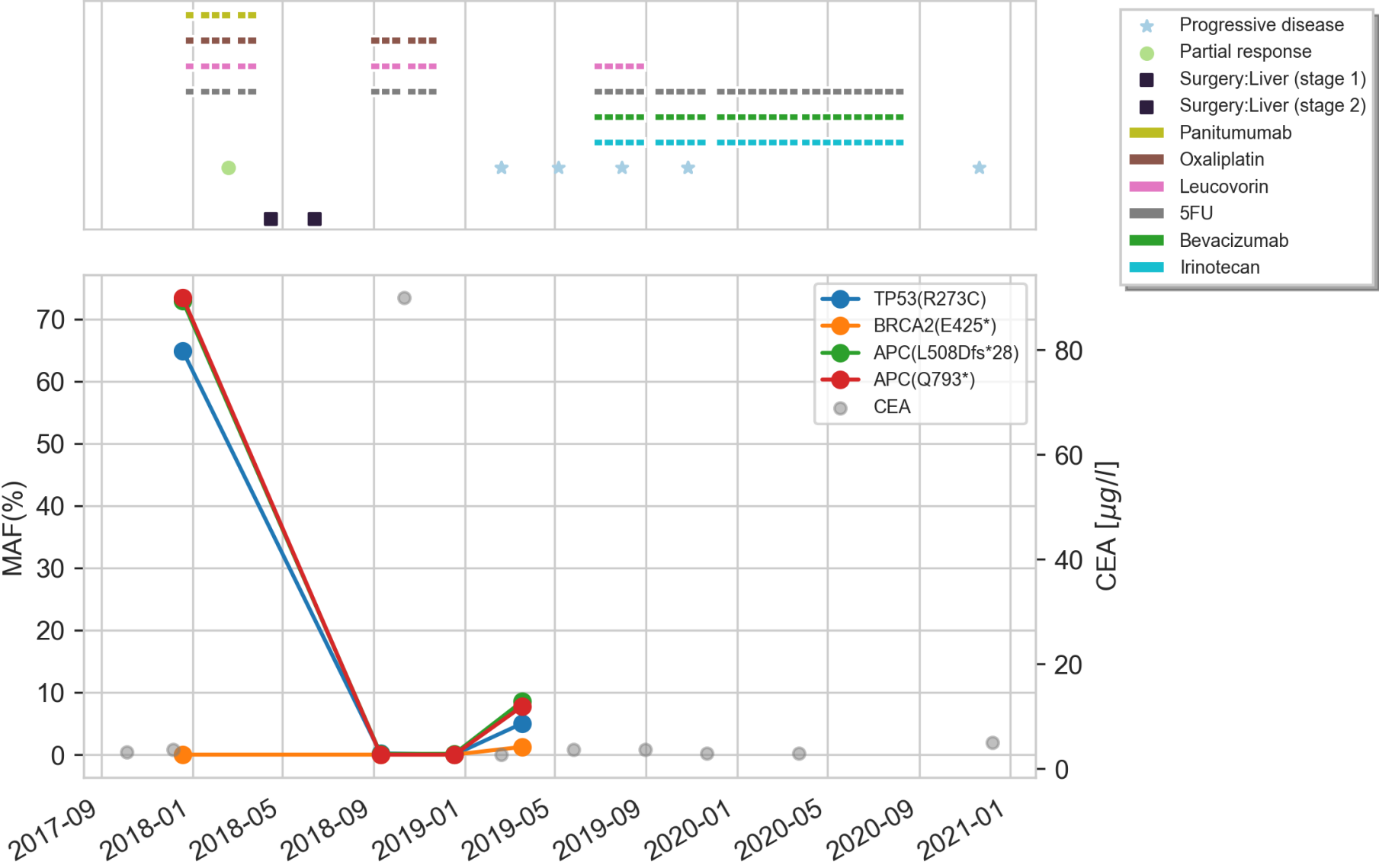
Patient 213



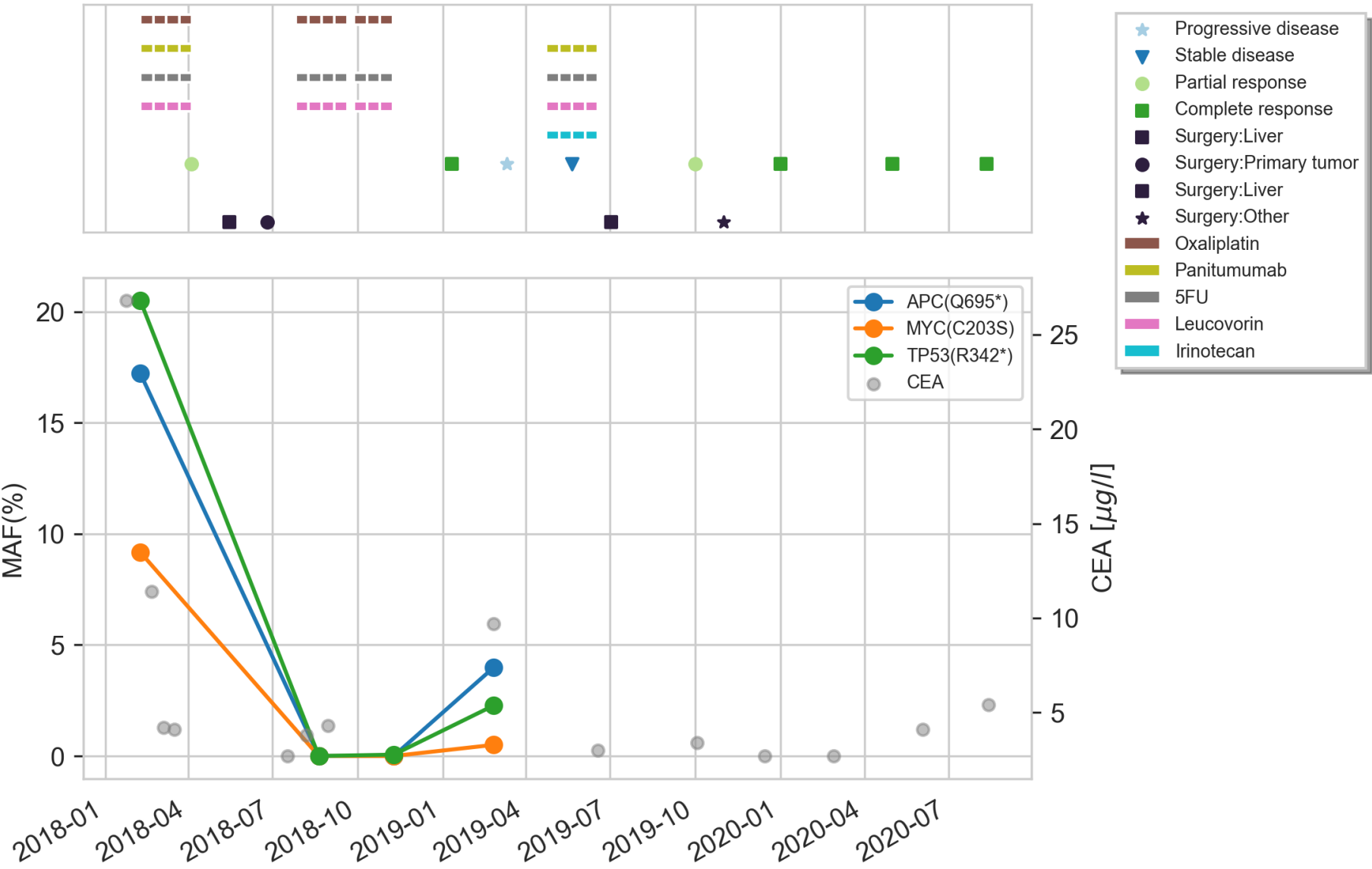
Patient 214



Patient 227

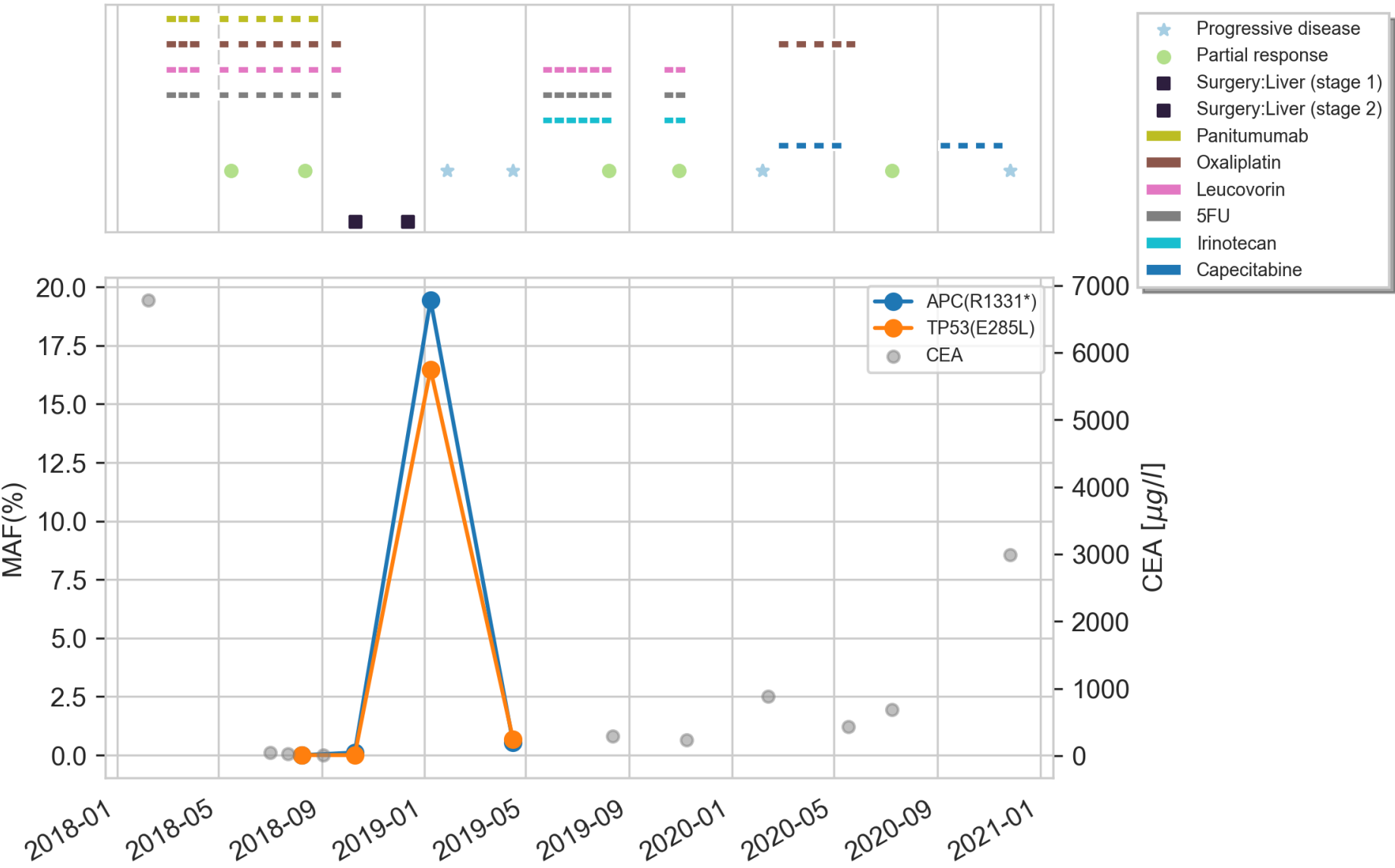


Patient 245

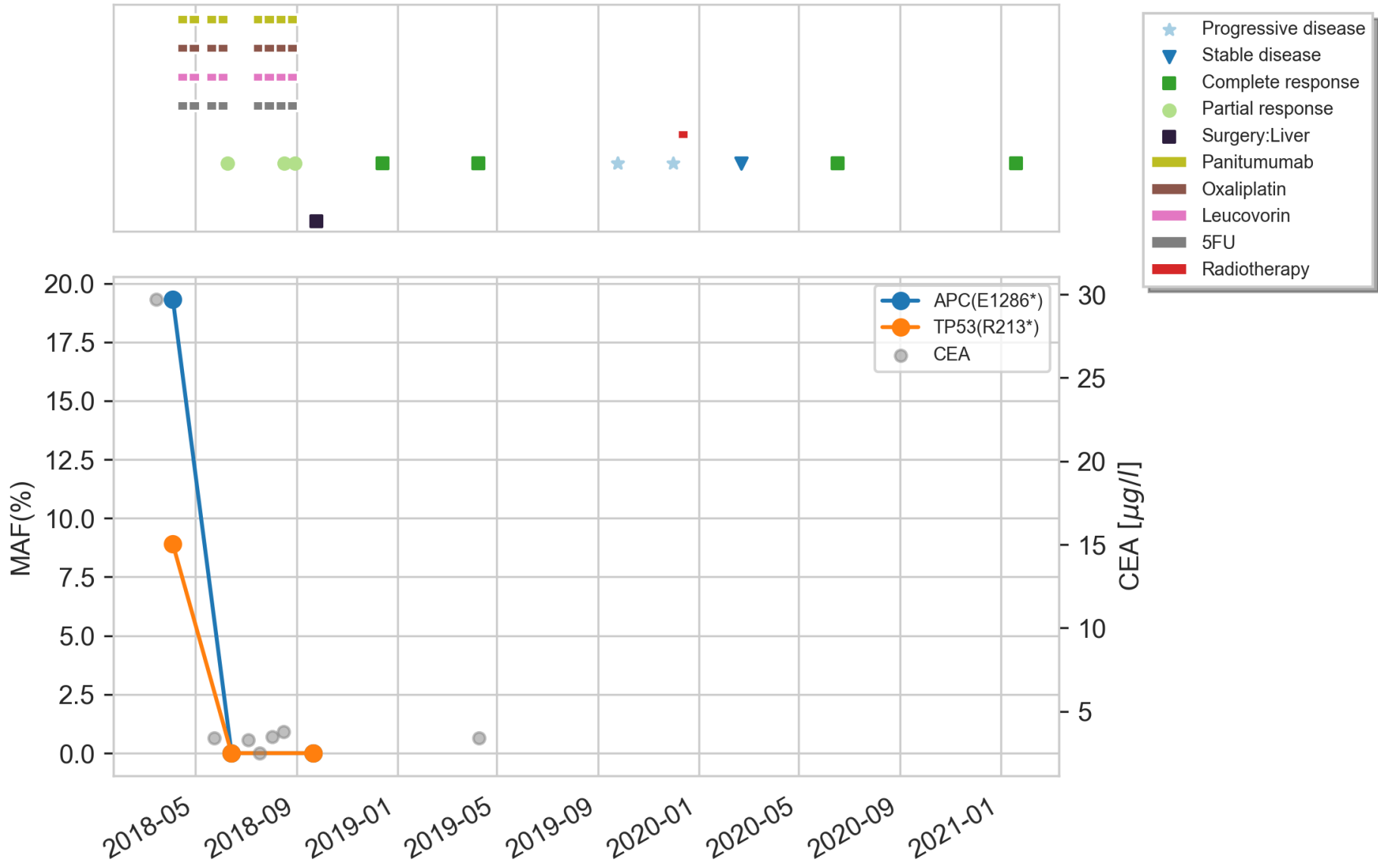




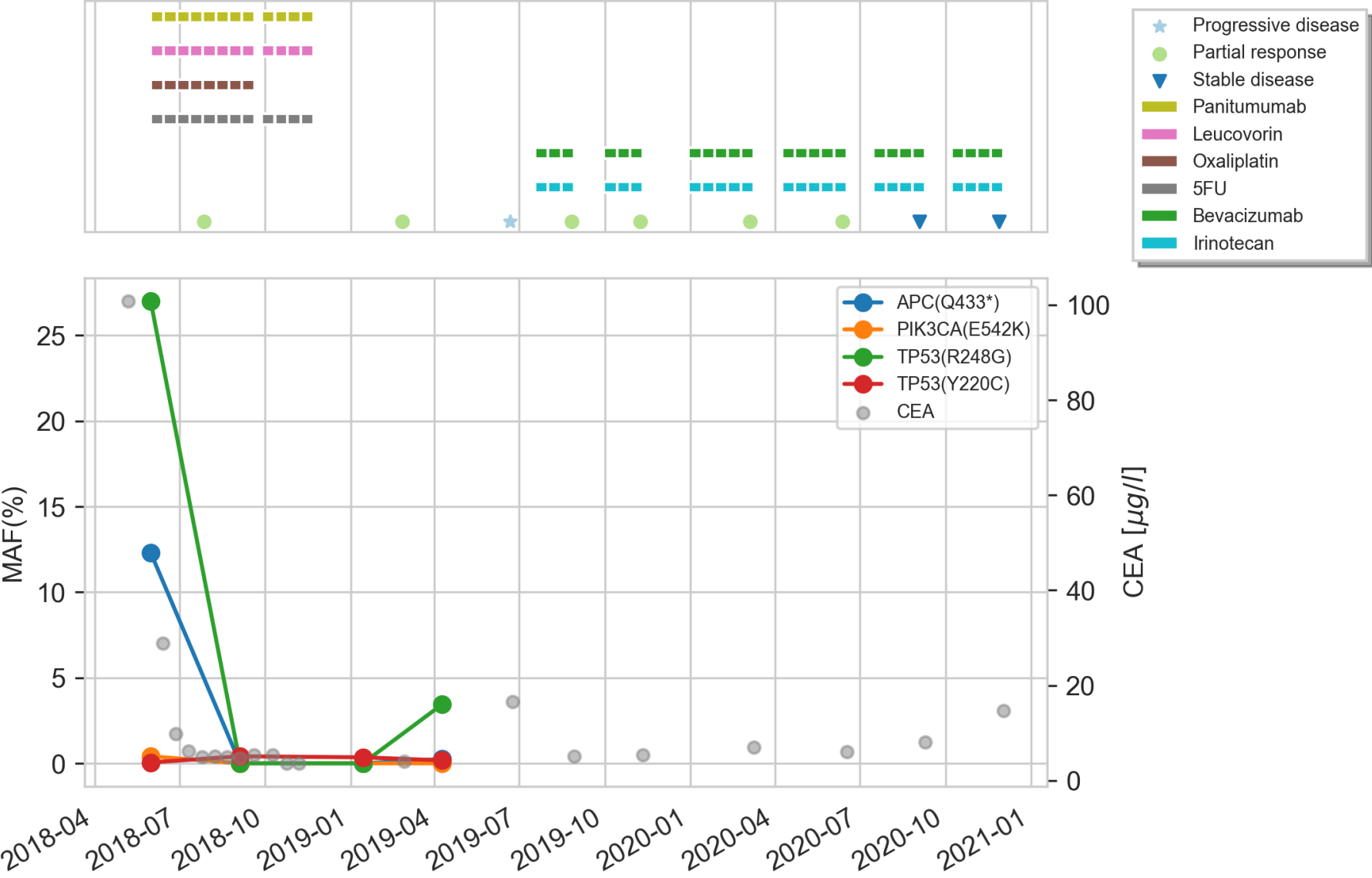
Patient 251



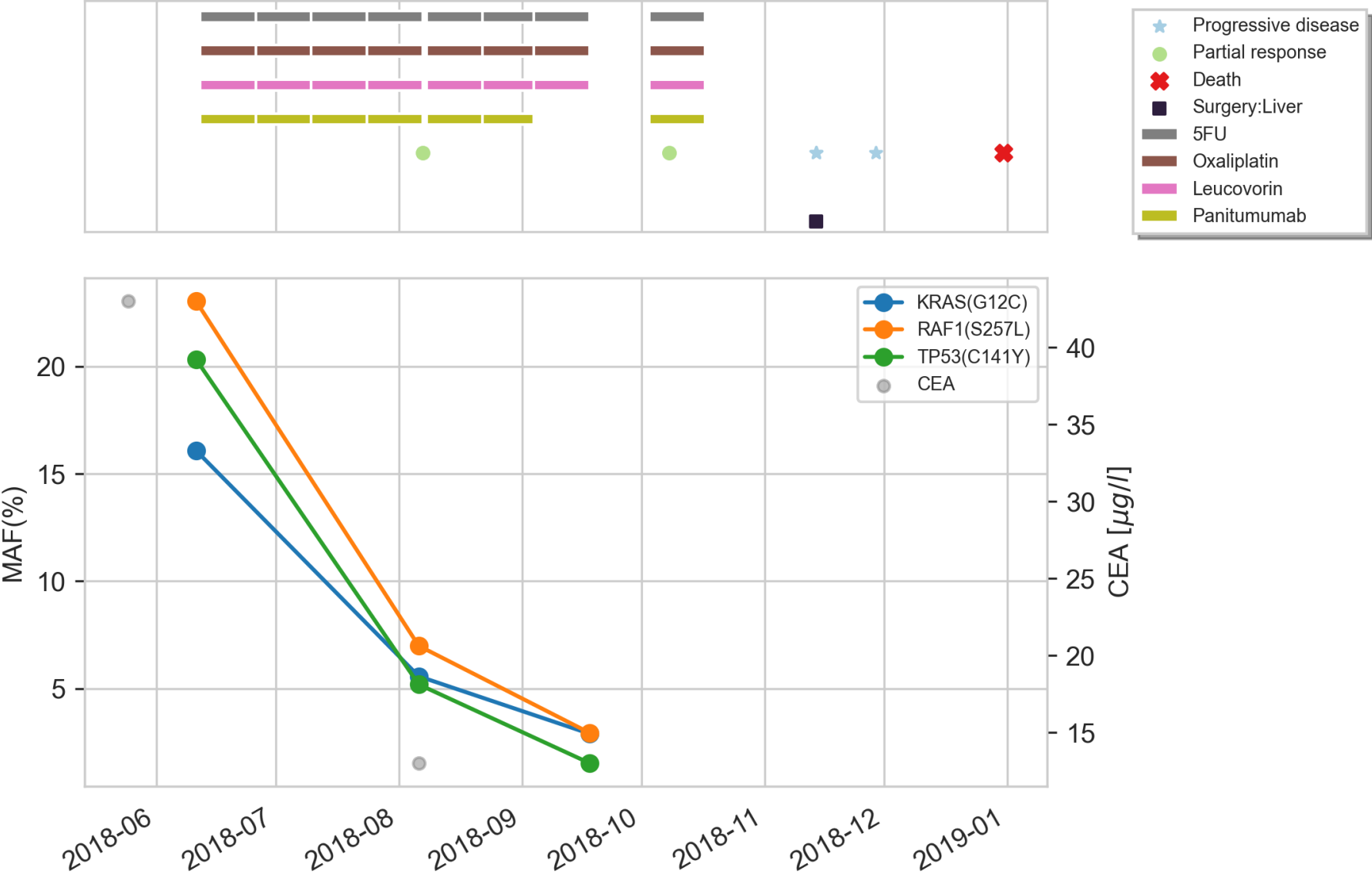
Patient 269



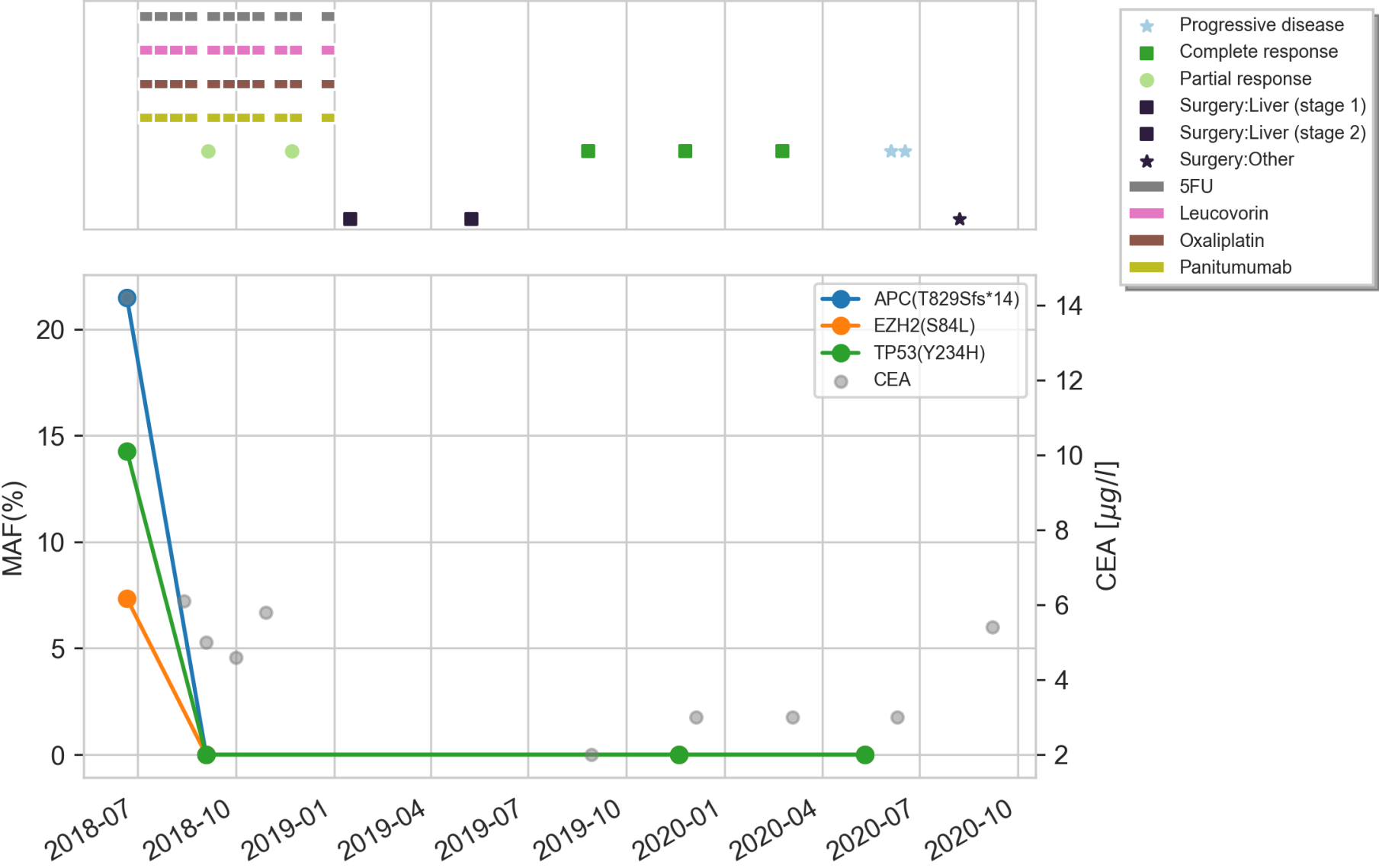
Patient 280



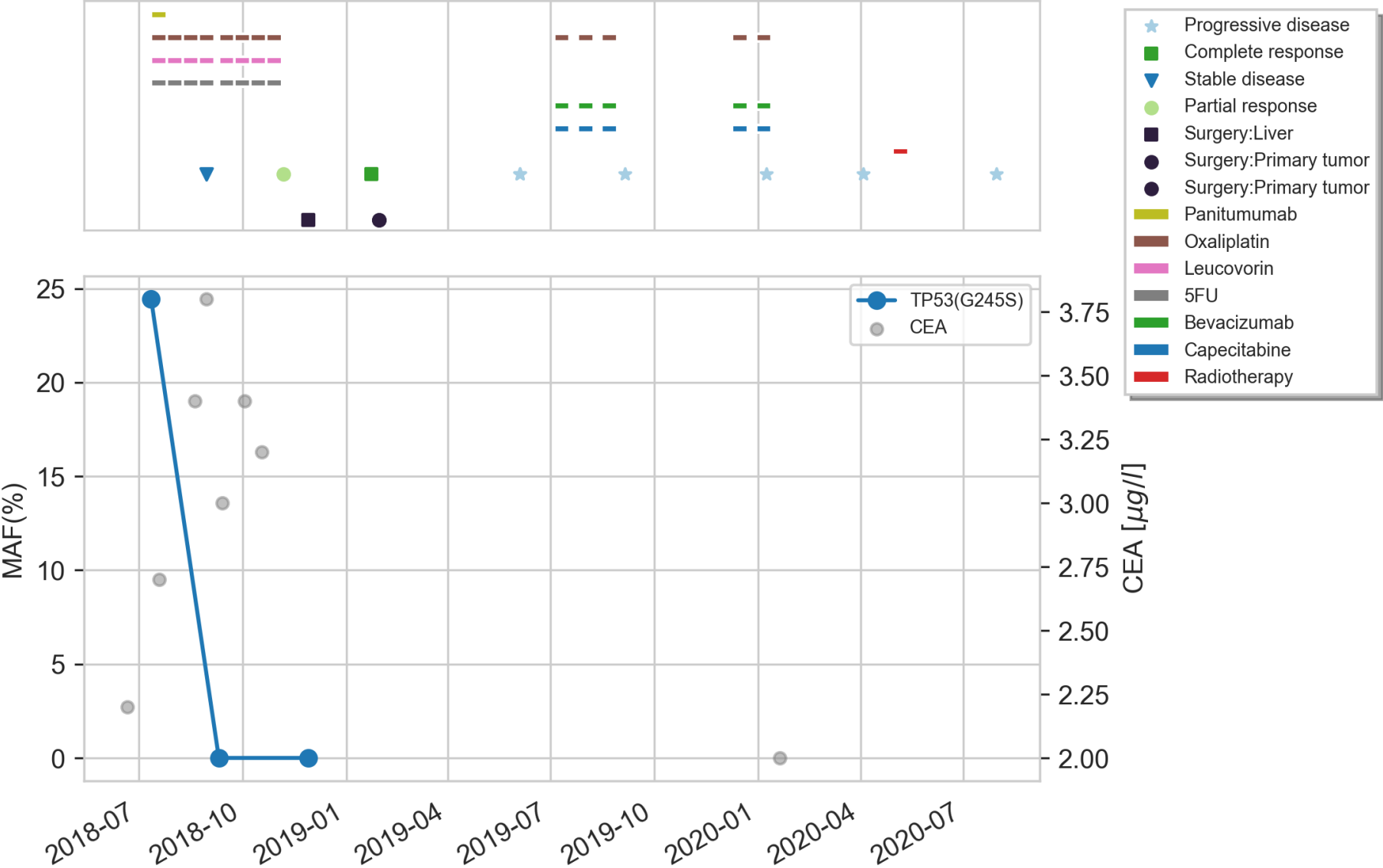
Patient 286



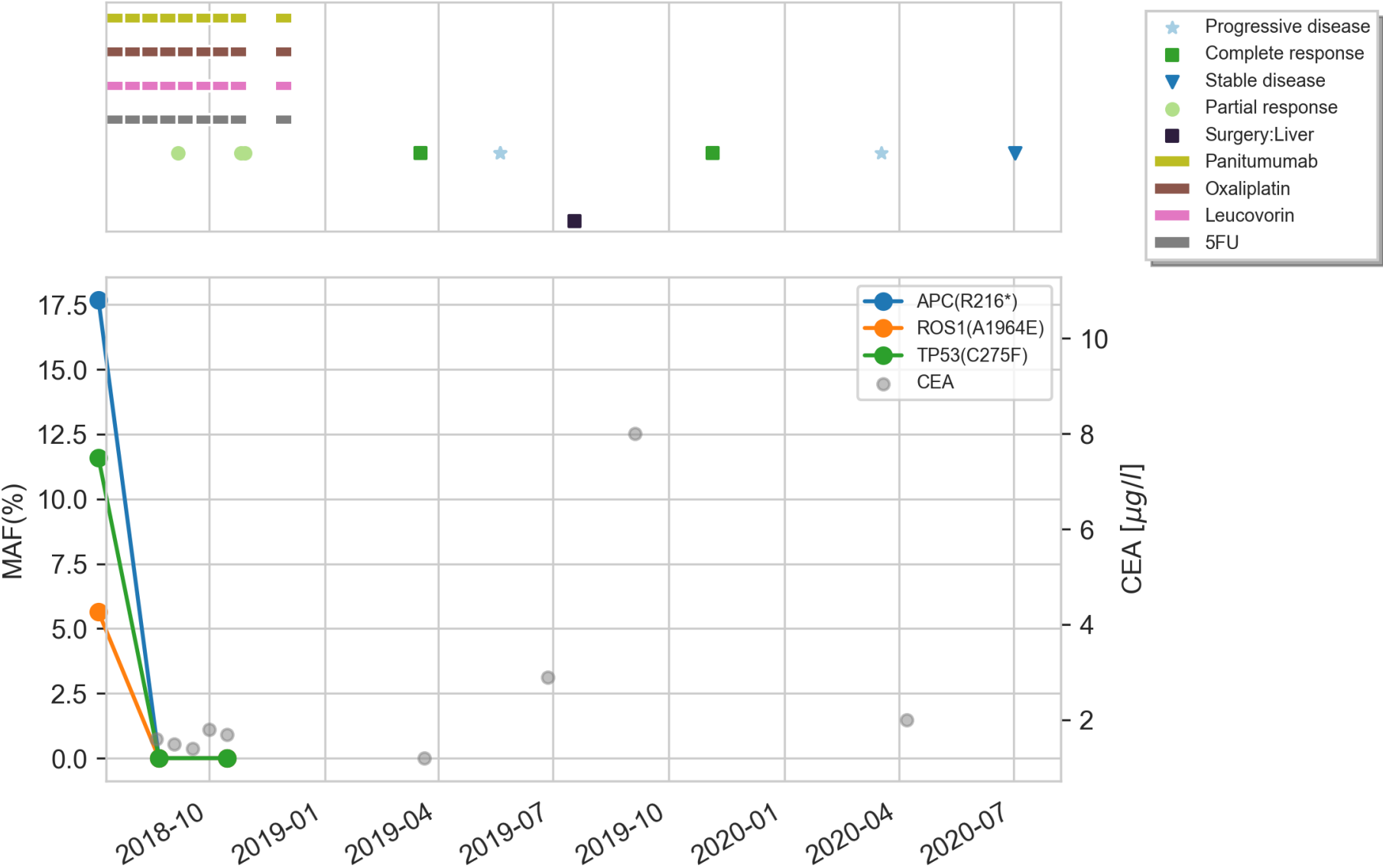
Patient 294



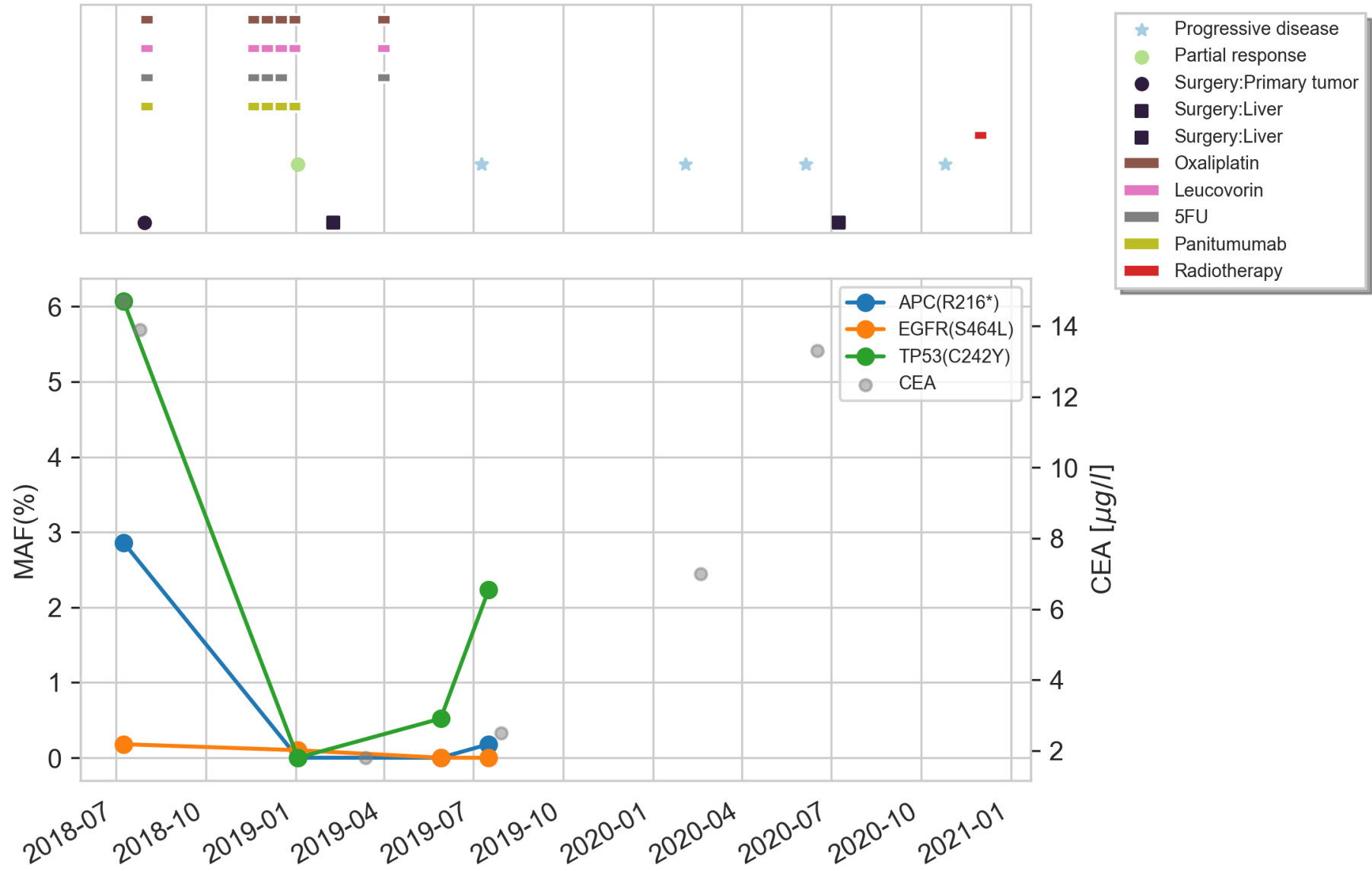
Patient 297



Patient 302

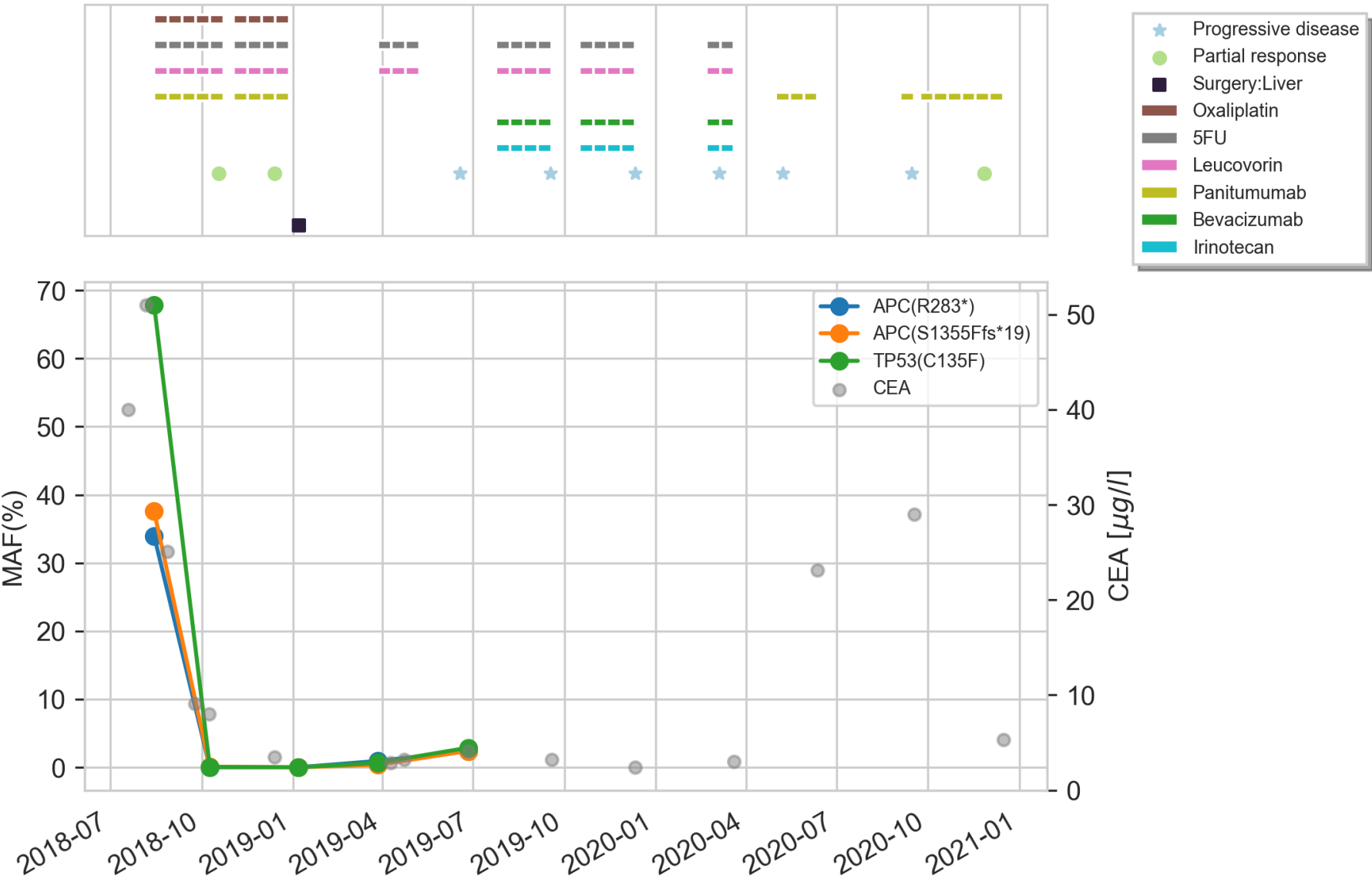


Patient 305

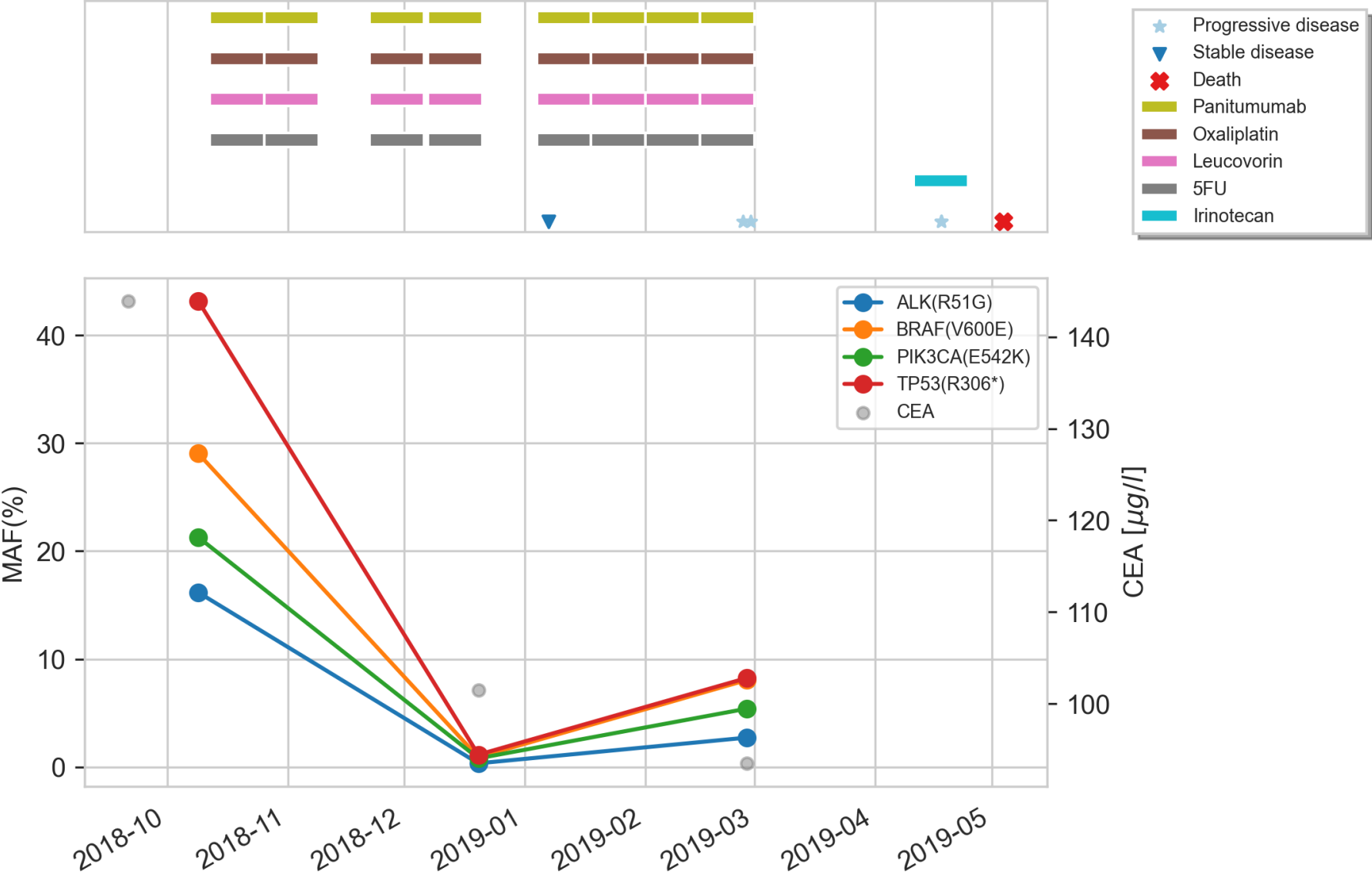




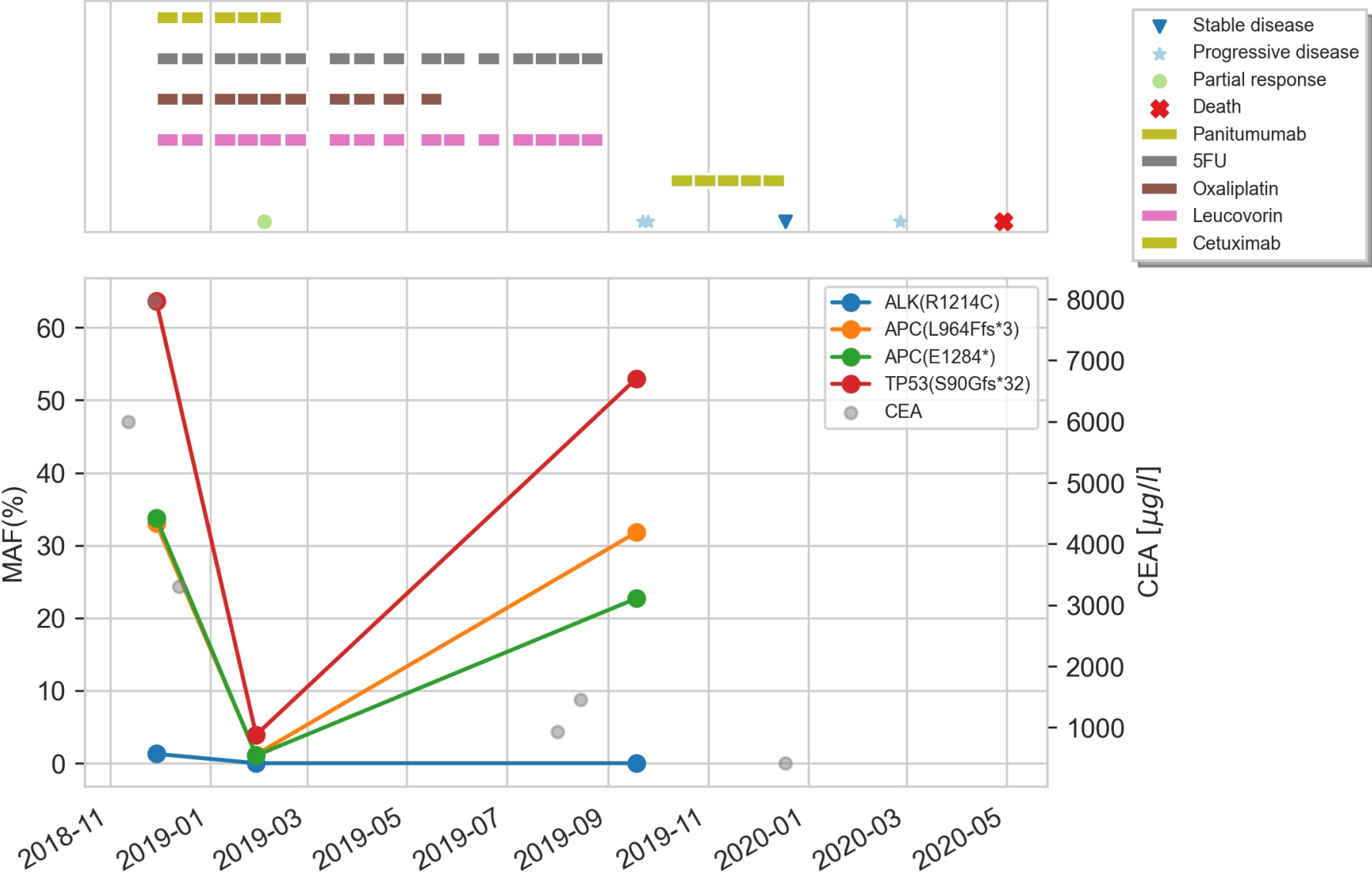
Patient 312



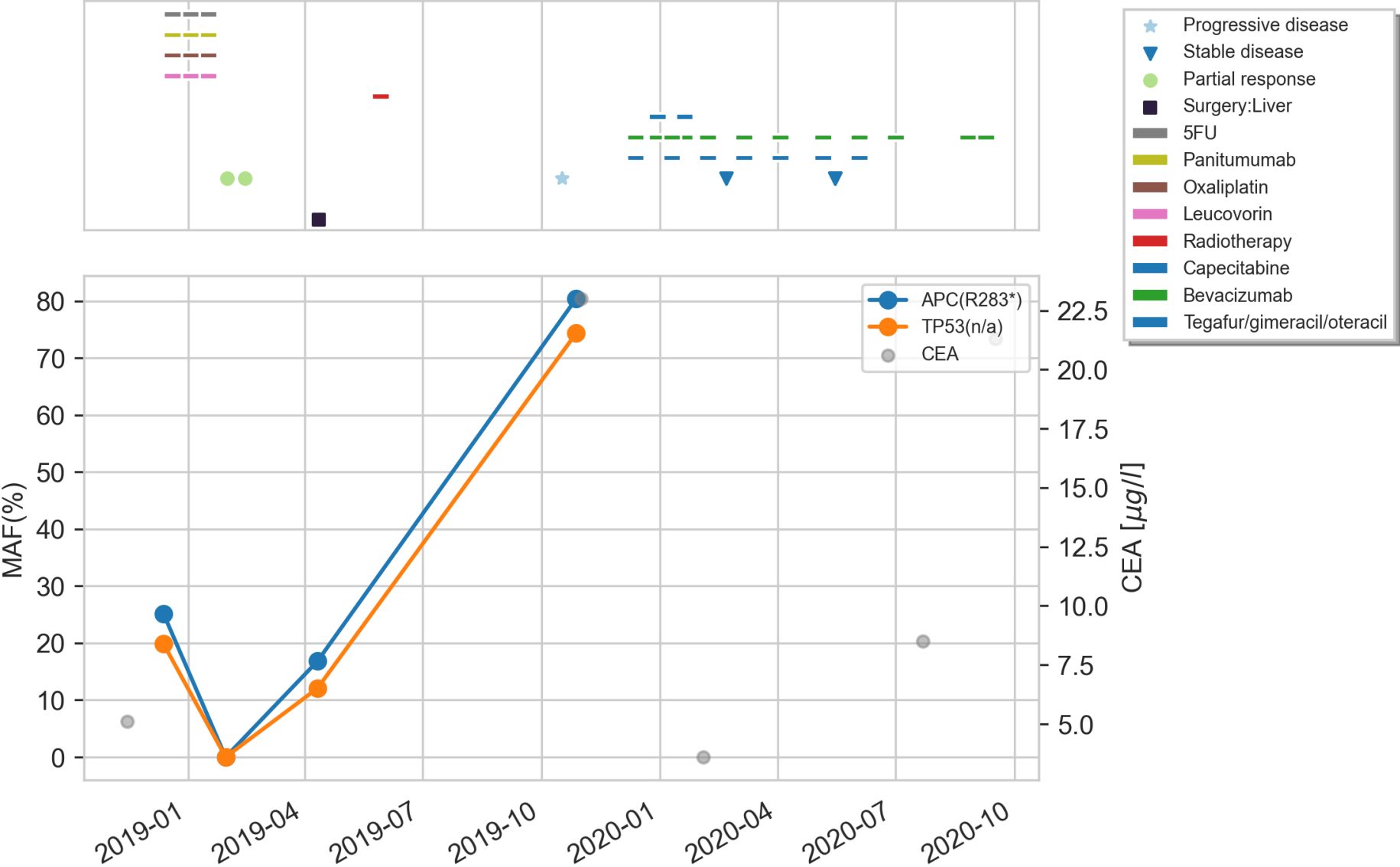
Patient 335



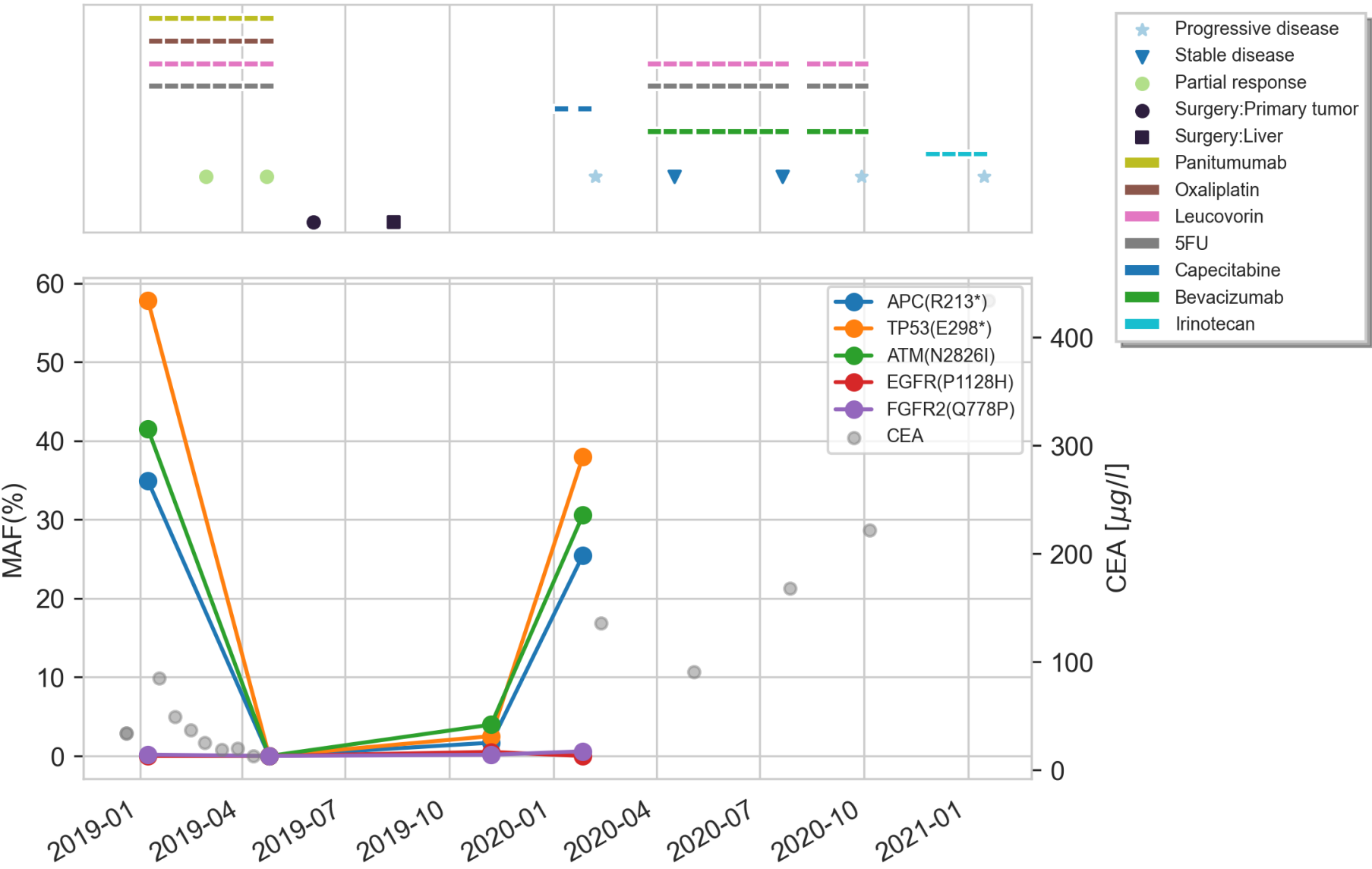
Patient 352



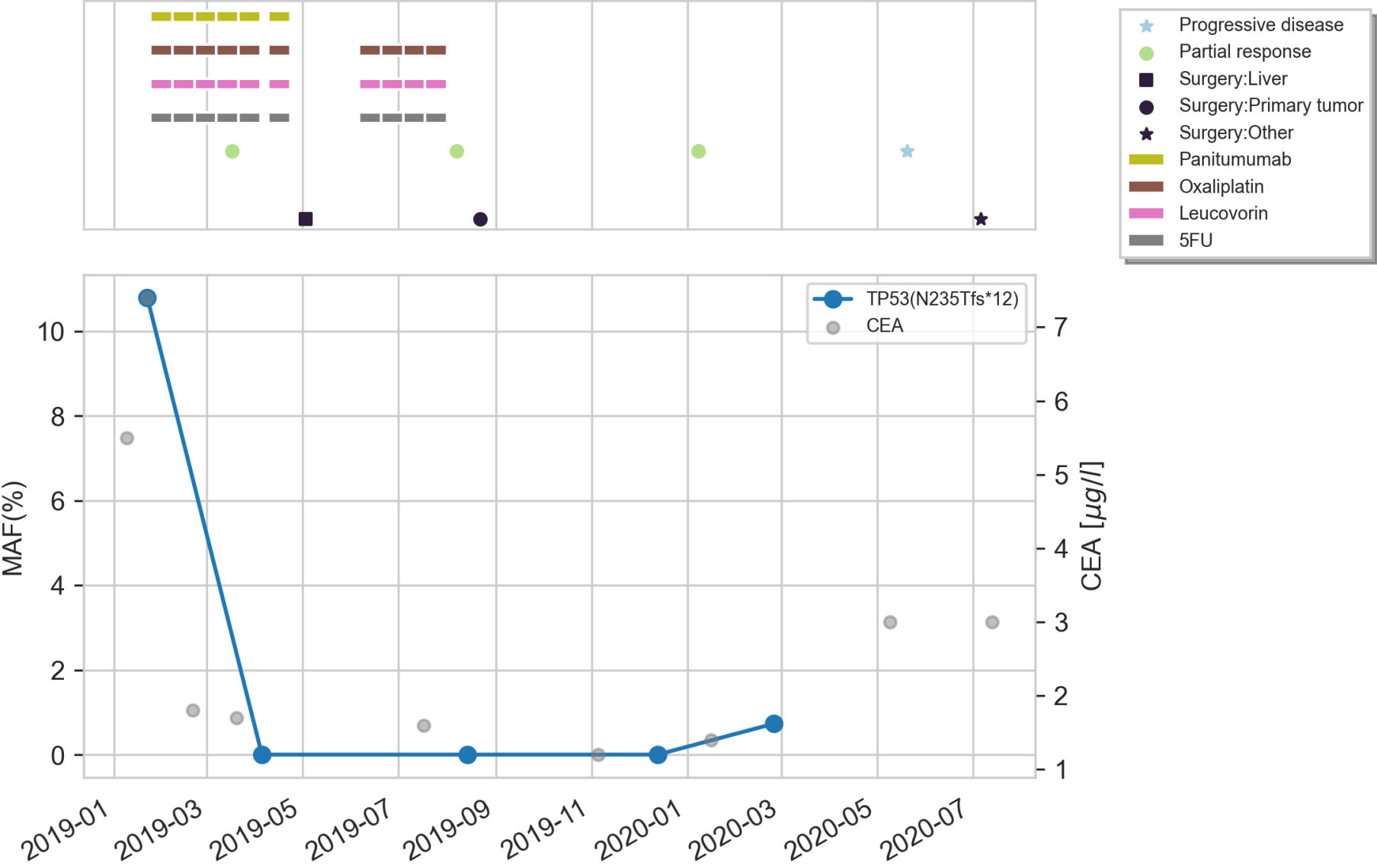
Patient 354



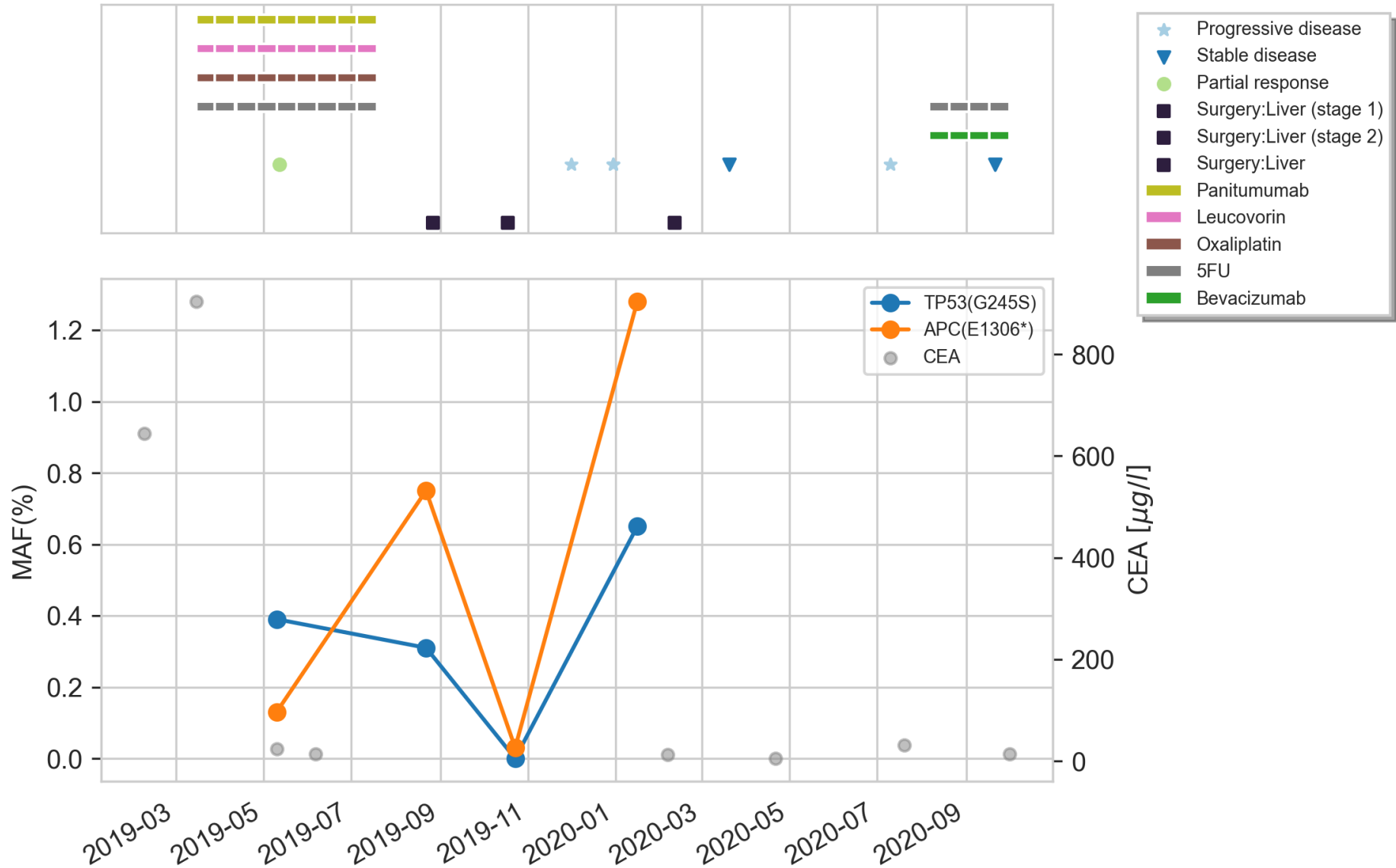
Patient 362



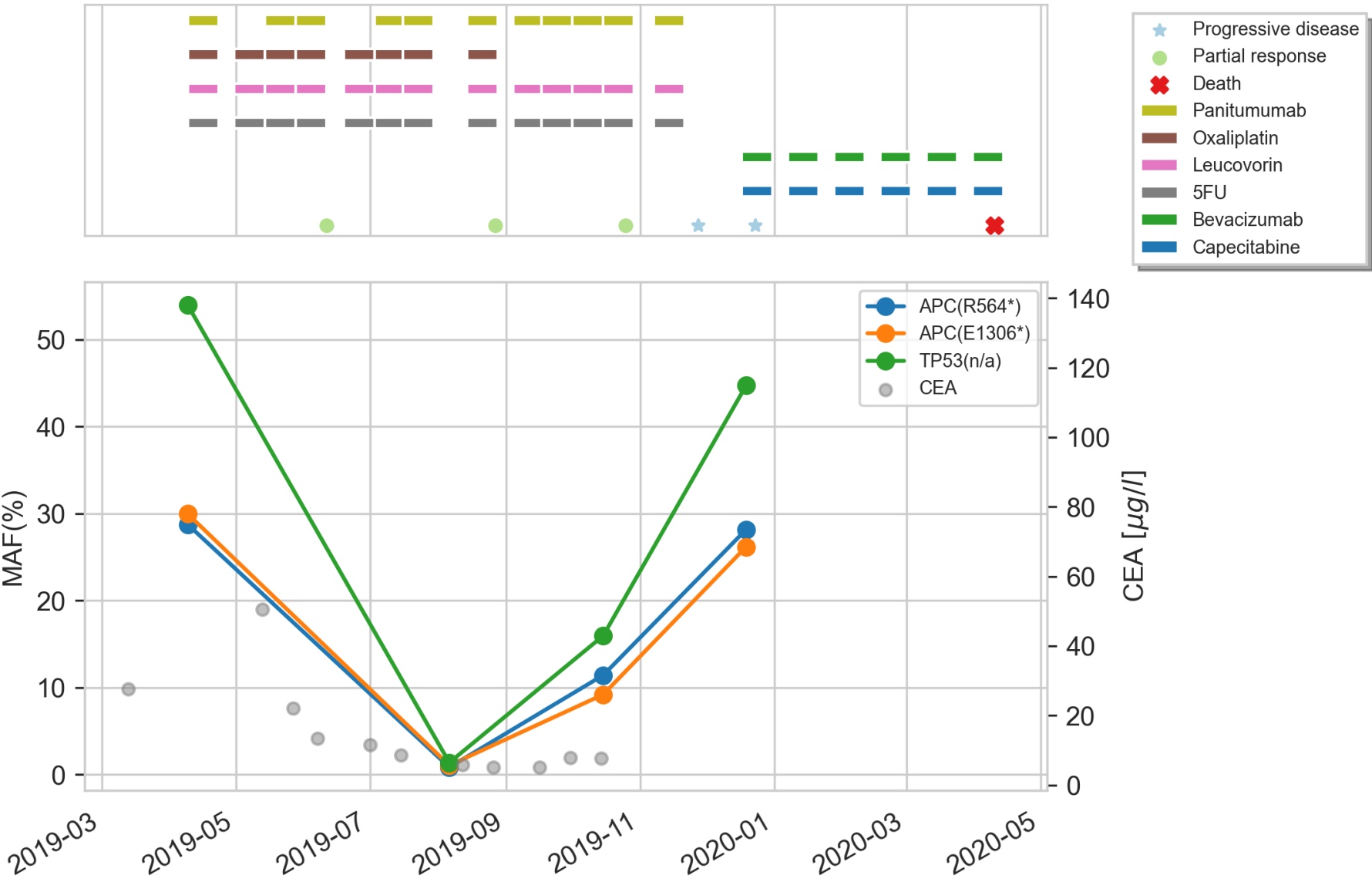
Patient 365



Patient 376



Patient 391





Patient 393

